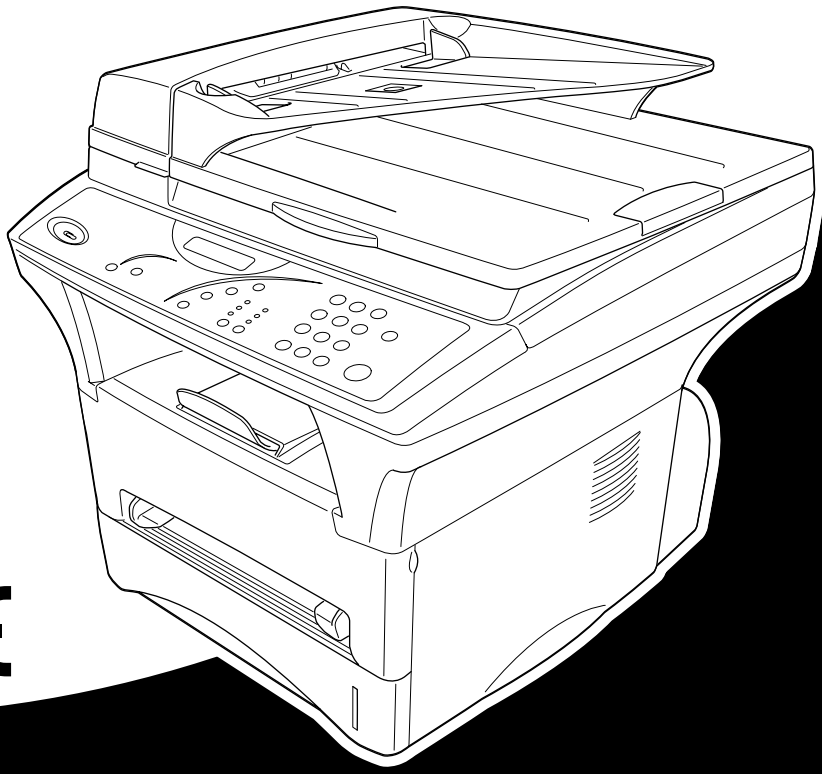
MFC-9760
OWNER'S MANUAL



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"EC" Declaration of Conformity

Manufacturer
Brother Industries Ltd.,
15-1, Naeshiro-cho, Mizuho-ku,
Nagoya 467-8561, Japan

Plant
Brother Corporation (Asia) Ltd.,
Brother Buji Nan Ling Factory,
Gold Garden Ind., Nan Ling Village,
Buji, Rong Gang, Shenzhen, China

Herewith declare that:

Products description : **Laser Printer**
Product Name : **MFC-9760**

are in conformity with provisions of the Directives applied : Low Voltage Directive 73/23/EEC (as amended by 93/68/EEC) and the Electromagnetic Compatibility Directive 89/336/EEC (as amended by 91/263/EEC and 92/31/EEC and 93/68/EEC).

Standards applied :
Harmonized :

Safety : EN60950:1992 + A1:1993 + A2:1993 + A3:1995 + A4:1997 + A11:1997

EMC : EN55022:1998 Class B
EN55024:1998
EN61000-3-2:1995 + A1:1998 + A2:1998
EN61000-3-3:1995

Year in which CE marking was First affixed : 2001

Issued by : Brother Industries, Ltd.

Date : 7 November, 2001

Place : Nagoya, Japan

Signature :

Kazuhiro Dejima

Kazuhiro Dejima
Manager
Quality Audit Group
Quality Management Dept.
Information & Document Company

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Using This Manual

Thank you for purchasing a Brother machine.

This machine has been designed to be simple to use, with LCD screen prompts to guide you through functions. However, you can use the machine to its fullest potential by taking a few minutes to read this manual.

Finding Information

All chapter headings and subheadings are listed in the Table of Contents. You will also be able to find information about a specific feature or function by checking the Index at the back of this manual. Also, throughout this manual, you will see special symbols alerting you to important information, cross-references, and warnings. Illustrations of some screen displays also help you choose the correct key-presses.

Symbols Used In This Manual

Note or additional information.

The machine may be damaged or may not work correctly if this is not observed.

Warnings detail precautions you must take to avoid possible personal injury.

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Preparation and Simple Use Guide

Steps to prepare and use the machine simply

Follow the steps below to prepare and use the machine simply.

However, before you perform these steps, see Important Safety Information (page 91), and Advice for Preparation and Simple Use Guide (page 4).

1 Read the Quick Setup Guide

Follow the instructions on the Brother Quick Setup Guide to set up the machine.

2 Setting the Document

You can scan the document for copying from either the ADF (Automatic Document Feeder) or from the glass platen.

Using the ADF (Automatic Document Feeder)

The automatic document feeder (ADF) can hold up to 50 pages, feeding each one individually through the machine. Use standard (75 g/m^2) paper when using the ADF. Always fan the pages well before placing them in the feeder.

Recommended Environment

Temperature: 10-32.5˚C
Humidity: 20%-80%

DO NOT use curled, wrinkled, folded, or ripped paper, or paper with staples, paper clips, paste or tape attached. DO NOT use cardboard, newspaper, or fabric. (To copy or scan this kind of document, see *Using the Glass Platen*, page 3.)

- Make sure documents written with ink are completely dry.
- Documents must be from 14.7 to 21.6 cm wide, and from 12.7 to 35.6 cm long.

① Insert documents ***face up***, ***top edge first***.

② Adjust the paper guides to fit the width of your pages.

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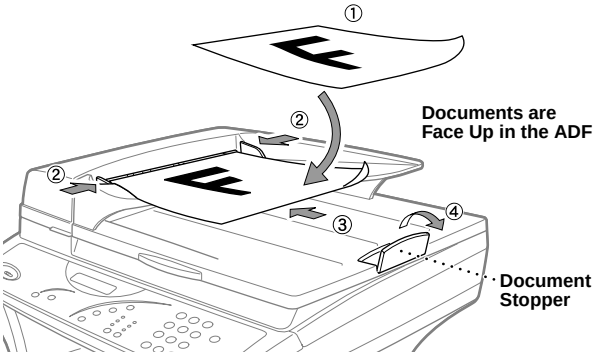
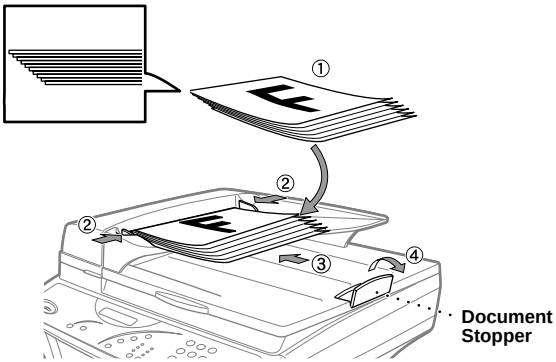
③ Stagger the pages. Then place them in the ADF, until you feel the first page lightly touch the feed roller.



④ Pull up the document stopper.



If the document “double-feeds”, try to straighten the paper or try again by inserting a simple sheet of document in the ADF or use glass platen.

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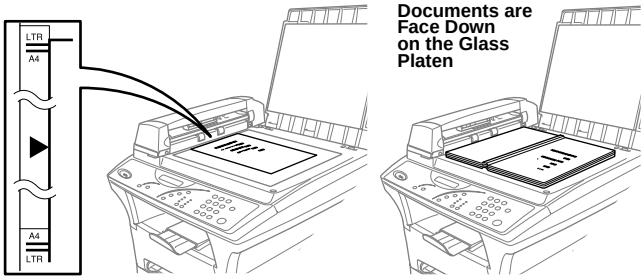
Using the Glass Platen

To use the glass platen, the ADF must be empty.



① Lift the document cover.

② Using the document guidelines on the left, centre the document FACE DOWN on the glass platen.

③ Close the document cover.

If the document is a book or is thick, do not slam the cover or press on it, as damage to the glass platen may result.

3 Making a Single copy

① Insert the document ***face up*** in the ADF, or ***face down*** on the glass platen.

② Press **Copy**.

To stop the copy process and release the document, press **Stop**. (See *Making Copies*, page 13.)

4 Multiple Copies (Using the ADF)

① Insert the document ***face up*** in the ADF.

② Using the numeric keys, enter the number of copies you want (up to 99).
For example, press **3**, **8** for 38 copies.

③ Press **Copy**.

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Advice for Preparation and Simple Use Guide

Choosing a Location

Place the machine on a flat, stable surface, such as a desk. Select a place that is free of vibration and shocks. Locate the machine near a standard earthed electrical socket.

Avoid placing the machine where it may be knocked. Do not place near heaters, air conditioners, water, chemicals or refrigerators. Do not expose the machine to direct sunlight, excessive heat, moisture or dust. Do not connect the machine to electrical outlets controlled by wall switches or automatic timers as disruption of power can wipe out information in the unit's memory. Do not connect the machine to electrical outlets on the same circuit as large appliances or other equipment that might disrupt the power supply. Avoid interference sources, such as speakers or the base units of cordless phones. Ensure the airflow from the fan on the right hand side of the machine is not impeded.

We recommend that this product be used with a surge protection device to protect the product against damage caused by a lightning strike.

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Connecting the Power Cord

This machine must be fitted with an earthed plug.

IMPORTANT:
If you need to remove the moulded mains plug in order to fit an appropriate type, you must discard the moulded plug immediately having cut it off, in order that it is not inadvertently inserted into a live socket, thus presenting a shock hazard. The wires in the mains lead of this appliance are coloured in accordance with the following code.

- **Green-and-yellow : Earth**
- **Blue : Neutral**
- **Brown : Live**

As the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked by the letter “E” or by the safety earth symbol ⏚ or coloured green or green-and-yellow.
The wire which is coloured blue must be connected to the terminal which is marked with the letter “N” or coloured black.
The wire which is coloured brown must be connected to the terminal which is marked with the letter “L” or coloured red.

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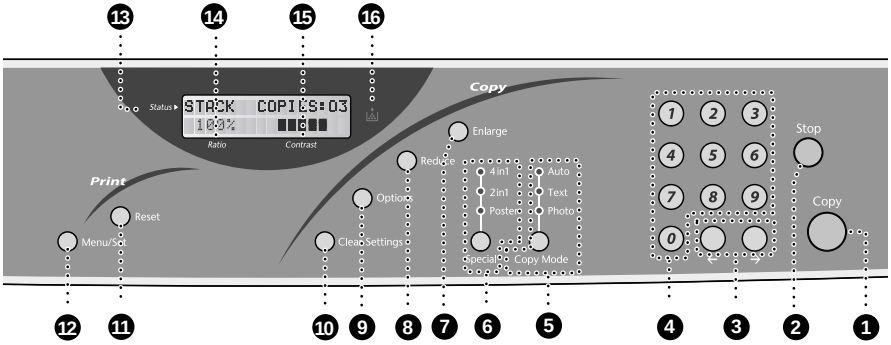
Control Panel Overview



1 Copy
Makes a copy.

2 Stop
Press this key to cancel a copy operation. The document in the ADF will be ejected.

3 (Left Arrow)
(Right Arrow)
Moves the LCD cursor through options.

4 Numeric Keys
Use the numeric keys to enter the number of multiple copies (99 maximum).

5 Copy Mode (and Indicators) (Temporary Setting)
Press to illuminate the LED that suits the type of document.
Auto — Select when the document contains both text and photographs.
Text — Select when the document contains only text.
Photo — Select when the document is a picture.

6 Special (and Indicators) (Temporary Setting)
You can change the layout of copies on the print media. Press this key until the Special Indicator you want is lit.
4in1 — Save paper by copying four pages onto one page.
2in1 — Save paper or create a booklet by copying two pages onto one page.
Poster — This option copies a different portion of the document on each of nine sheets of print media. Tape the sheets together to get a copy that is nine times the size of the document.

Copy:

7 Enlarge (Temporary Setting)
Each key press shows the next pre-stored enlargement ratios: **100%**, **141%**, **150%**, **200%**, **400%**, **MANUAL**. For more choices, select **MANUAL** and use the numeric keys to type any percentage between 101% and 400%.

8 Reduce (Temporary Setting)
Each key press shows the next pre-stored reduction ratios: **100%**, **71%**, **50%**, **25%**, **AUTO**, **MANUAL**. For more choices, select **MANUAL** and use the numeric keys to type any percentage between 25% and 99%. Select **AUTO** to automatically fit the original on the selected paper size.

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⑨ **Options**
You can quickly and easily select temporary settings.

⑩ **Clear Settings**
Resets your temporary copy settings back to the user default settings. Use this key when you do not want to wait 45 seconds for the temporary settings to clear automatically.

Print:

⑪ **Reset**
Clears data from the printer memory.

⑫ **Menu/Set**
Lets you access the menu and programming mode and stores your settings in the machine.

LCD (Liquid Crystal Display):

⑬ **Status**
Displays messages to help you set up and operate your machine.

⑭ **Ratio**
Enlargement and reduction percentages will be displayed.

⑮ **Contrast**
This area shows the degree of contrast you selected by pressing the **Options** key.

⑯ **Toner Empty Indicator**
Flashes when toner cartridge is low and stays lit when toner is empty.

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Menu Mode

After pressing **Menu/Set** key the following options are available.

Then press **1** for General Setup Menu—**OR**—Press **2** for Copy Menu—**OR**—Press **3** for Printer Menu.

When you enter the Menu Mode, the machine displays a list of Level One Menus from which you can choose. These menu options appear one after the other on the display. Select an option by pressing **Menu/Set** when the option appears on the LCD.

You can "scroll" more quickly through options by pressing ⇨. When the screen displays your selection, press **Menu/Set**. (Use ⇦ to scroll backward if you passed your choice or to save key strokes. Both arrow keys show all options, in the opposite order.)

When you finish selection, the screen displays **ACCEPTED**.

If you want to exit the Menu Mode, press **Stop**.

Main Menu	Submenu	Menu Selections	Options	Descriptions	Page
1. GENERAL SETUP	**1. BEEPER**	—	HIGH **LOW** OFF	Adjusts beeper volume.	10
	2. TONER SAVE	—	ON **OFF**	Increase life of toner cartridge.	10
	3. POWER SAVE	—	ON **OFF**	Power save mode.	10
	4. SLEEP MODE	—	—	Set the time before the machine drops into sleep mode.	11
	5. DRUM LIFE	—	—	You can check the remaining drum life on the display.	88
	6. PRINT DENSITY	—	-■■■▫▫+	Adjusts printing to be lighter or darker.	11
	7. SYSTEM SETUP	—	—	You can print a list of various system settings.	11
	8. LOWER TRAY (with optional paper tray only)	—	ON **OFF**	Turn **ON** if you use the optional paper tray.	12

* The factory setting (option) is shown in bold.

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Main Menu	Submenu	Menu Selections	Options	Descriptions	Page
2. COPY	**1. COPY MODE**	—	**AUTO** TEXT PHOTO	Selects the Copy resolution for your type of document.	21
	2. CONTRAST	—	-■■■▫▫+	Adjusts the contrast.	22
	3. PAPER TYPE	—	THIN **PLAIN** THICK THICKER	Identify the type of paper in the paper tray.	22
3. PRINTER	**1. PRINT OPTIONS**	**1. INTERNAL FONT**	—	You can print resident fonts to check and confirm font types.	28
		2. CONFIGURATION	—	Printer settings and status are listed here.	28
	2. RESET PRINTER	—	—	You can restore factory default settings and temporary settings for the printer back to factory default settings.	28

* The factory setting (option) is shown in bold.

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Custom Settings

The **Menu/Set** key enables you to customize settings. You can program settings by pressing **Menu/Set** and menu number using the numeric keys.

Beeper Volume

You can set the beeper to **LOW**, **HIGH** or **OFF**. The machine comes with this volume set to **LOW**. When the beeper is set to **LOW** or **HIGH**, the machine beeps every time you press a key or make an error.

1. Press **Menu/Set**, **1**, **1**.
2. Press ← or → to select your setting.
3. When the screen displays the setting you want, press **Menu/Set**.
4. Press **Stop**.

Toner Save

You can conserve toner using this feature. When you set Toner Save to **ON**, print appears somewhat lighter. The default setting is **OFF**.

1. Press **Menu/Set**, **1**, **2**.
2. Press ← or → to select **ON** (or **OFF**).
3. Press **Menu/Set**.
4. Press **Stop**.

Power Save

Setting Power Save Mode more reduces power consumption by turning off the CPU inside the machine. If Power Save Mode is switched **ON**, when the machine is idle, it drops into power save mode automatically.

1. Press **Menu/Set**, **1**, **3**.
2. Press ← or → to select **ON** (or **OFF**).
3. Press **Menu/Set** when the screen displays your selection.
4. Press **Stop**.

The Scanner Lamp must be switched off before the unit can switch to power-save mode. The Lamp can be switched off by pressing the ← and → keys at the same time. (See *Turning Off the Scanner Lamp*, page 11.)

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Turning Off the Scanner Lamp

The scanner lamp stays on for 16 hours before switching off to preserve the life of the lamp. You can turn off the scanner lamp manually if you wish by pressing the ← or → keys simultaneously. The scanner lamp will remain turned off until the next time you use the scanning feature.

Turning off the scanner lamp will also reduce the power consumption.

Please note that turning the lamp off regularly will reduce the lamps life.

Sleep Mode

Setting the Sleep Mode reduces power consumption by turning off the fuser inside the machine, while the machine is idle. You can choose how long the machine is idle (from 00 to 99 minutes) before it drops into sleep mode. The timer automatically resets when the machine receives a PC data, or makes a copy. The factory setting is 05 minutes. While the machine is in sleep mode, you will see **SLEEP** in the LCD. When you try to print or copy in sleep mode, there will be a short delay whilst the fuser warms up to working temperature.

1. Press **Menu/Set**, **1**, **4**.
2. Use the numeric keys to enter the amount of time the machine is idle before it drops into sleep mode (00 to 99).
3. Press **Menu/Set**.
4. Press **Stop**.

Setting the Print Density

If the machine is printing too light or too dark, you can adjust the print density level. The new setting will remain until you change it again. This setting also adjusts that of copy function.

1. Press **Menu/Set**, **1**, **6**.
2. Press ← or → to select your setting. Each key press changes the print density to the next setting.
3. When the screen shows the setting you want, press **Menu/Set**.
4. Press **Stop**.

Printing a System Set up List

You can print a list of various system settings.

1. Press **Menu/Set**, **1**, **7**.
2. Press **Copy**. The machine prints the list.
3. Press **Stop**.

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Turning On Lower Tray (With Optional Paper Tray Only)

Switch this function **ON** to use the optional lower tray.

1. After setting up the optional paper tray, press **Menu/Set**, **1**, **8**.
2. Press ◄ or ► to turn **ON** (or **OFF**) the optional paper tray.
3. Press **Menu/Set**.
4. Press **Stop**.

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2 Making Copies

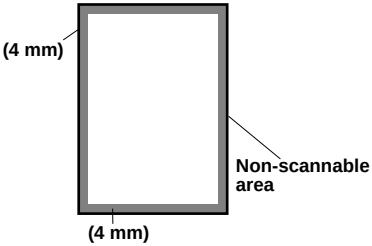
Basic Copy Operations

Using the Machine as a Copier

You can use the machine as a copy machine, making up to 99 copies at a time.

Do NOT pull on the paper while copying is in progress.

The scannable area of the machine begins at approximately 4 mm from the edge of the paper.



Making a Single Copy

1. Insert the document face up in the ADF, or face down on the glass platen.
2. Press **Copy**.

To stop the copy process and release the document, press **Stop**.

Making Multiple Copies (Using the ADF)

1. Insert the document face up in the ADF.
2. Using the numeric keys, enter the number of copies you want (up to 99).
   For example, press **3**, **8** for 38 copies.
3. Press **Copy**.

To sort the copies, use **Options** key. (See *Sorting Multiple Copies (Using ADF)*, page 17.)

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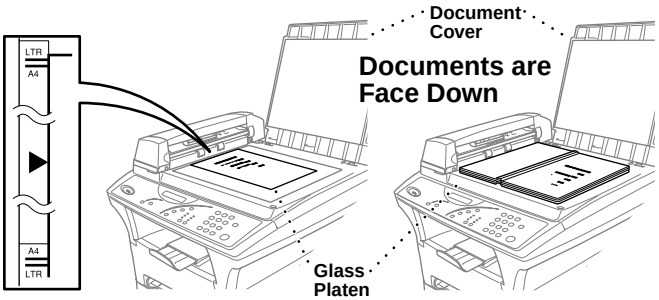
Making Multiple Copies (Using the Glass Platen)

1 Lift the Document Cover.



2 Using the document guidelines on the left, centre the document face down on the glass platen.

3 Close the Document Cover.

4 Using the numeric keys, enter the number of copies you want (up to 99). *For example*, press **3**, **8** for 38 copies.

5 Press **Copy**.

Out of Memory Message

If the memory becomes full while you're making copies, the screen displays

```
OUT OF MEMORY
QUIT:PRESS STOP
```

If you were scanning the first page to be copied, press **Stop** to cancel the operation and restart to make a single copy. If you were scanning a subsequent page, you will have the option to press **Copy** to copy the pages scanned so far—**OR**—Press **Stop** to cancel.

It is possible to expand the memory with the optional memory board. (See *Memory Board*, page 94.)

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Temporary Copy Setting

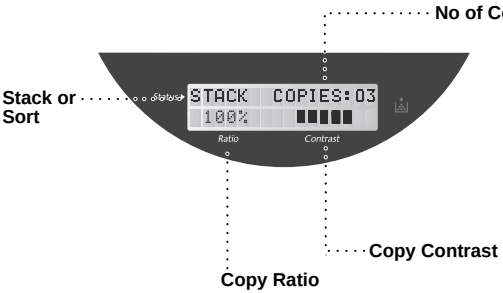
You can improve your copies by using the Copy keys: **Enlarge**, **Reduce**, **Options**, **Clear Settings**, **Special** and **Copy Mode**. These settings are *temporary*, and the machine returns to its default settings 45 seconds after it finishes copying. If you want to use these temporary settings again, place the next document in the ADF or glass platen then press Copy keys before the 45 seconds expire.

Copying Using Multiple Settings

You can try different combinations of settings for the best results.

To clear your settings and start over, press **Clear Settings**.

The LCD shows current copy setting status. You can set multiple settings.



Making Reduced Copies

1. Insert the document face up in the ADF, or face down on the glass platen.
2. Using the numeric keys, enter the number of copies you want (up to 99).
3. Press **Reduce**.
4. Press ◄ or ► to choose a reduction ratio.
   You can reduce to **71%**, **50%** or **25%** of the original size.
   —OR—
   Select **AUTO** to automatically fit the original on the selected paper size.
   —OR—
   You can press ◄ or ► to select **MANUAL**, and then use the numeric keys to enter a reduction ratio between 99% and 25%. For example, press **5**, **3** to enter 53%.
5. Press **Menu/Set**.
6. Press **Copy**.

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Selecting Recomended Ratio

A4	→	A5	71%
A5	→	A6	
B5	→	B6	

When you selected **AUTO** in your copying by scanning from ADF, the machine will detect the document size automatically, calculate how much to reduce it and print it to fit on the output paper size selected in “Paper Size” feature (page 18).

2in1, 4in1 copy or Poster are not available with **Reduce**.

Making Enlarged Copies

1. Insert the document face up in the ADF, or face down on the glass platen.
2. Using the numeric keys, enter the number of copies you want (up to 99).
3. Press **Enlarge**.
4. Press ◄ or ► to choose an enlargement ratio.
   You can enlarge to **141%**, **150%**, **200%** or **400%**.
   —OR—
   You can press ◄ or ► to select **MANUAL**, and then use the numeric keys to enter an enlargement ratio between 101% and 400%. For example, press **1**, **5**, **3** to enter 153%.
5. Press **Menu/Set**.
6. Press **Copy**.

Selecting Recomended Ratio

A5	→	A4	141%
A6	→	A5	
B6	→	B5	

2in1, 4in1 copy or Poster are not available with **Enlarge**.

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Using the Options Key

The **Options** key changes the settings for contrast, stack/sort, paper type and paper size options **for the next copy only**. See the explanation below the table.

Press Options	Menu Selections	Options	Factory Setting
	CONTRAST	– □ □ □ □ □ +	– ■ ■ ■ □ □ +
	STACK/SORT	**STACK/SORT**	**STACK**
	PAPER TYPE	**THIN/PLAIN/THICK/ THICKER/ TRANSPARENCY**	**PLAIN**
	PAPER SIZE	**LETTER/ EXECUTIVE/ A4/A5/A6/B5/B6**	**A4**

Copy Contrast

You can adjust copy contrast to make copies darker or lighter.

1. Insert the document face up in the ADF, or face down on the glass platen.
2. Using the numeric keys, enter the number of copies you want (up to 99).
3. Press **Options** and ◄ or ► to select **CONTRAST** and then press **Menu/Set**.
4. Press ◄ to make a copy lighter—**OR**—Press ► to make a copy darker, and then press **Menu/Set**.
5. Press **Copy**.

Sorting Multiple Copies (Using ADF)

1. Insert the document face up in the ADF.
2. Using the numeric keys, enter the number of copies you want (up to 99).
3. Press **Options** and ◄ or ► to select **STACK/SORT**, and then press **Menu/Set**.
4. Press ◄ or ► to select **SORT**, and then press **Menu/Set**.
5. Press **Copy**.

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Paper Type

You can use the following types of paper for copying. For the best print quality, select the type of media that you are using.

THIN (60-69 g/m^2)	For thin paper
PLAIN (70-95 g/m^2)	For ordinary plain paper
THICK (96-120 g/m^2)	For heavy weight paper or rough paper
THICKER (121-161 g/m^2)	For heavier weight paper, rough paper or bond paper
TRANSPARENCY	For transparency (OHP)

1. Press **Options** and ◄ or ► to select **PAPER TYPE**, and then press **Menu/Set**.
2. Press ◄ or ► to select your type of paper, and then press **Menu/Set**.
3. Press **Copy**.

Paper Size

You can identify the size of the paper in the paper tray. You can select **LETTER**, **EXECUTIVE**, **A4**, **A5**, **A6** (for Upper Tray Only), **B5** or **B6** size paper.

1. Press **Options** and ◄ or ► to select **PAPER SIZE**, and then press **Menu/Set**.
2. Press ◄ or ► to select the size of paper you loaded in the paper tray, and then press **Menu/Set**.
3. Press **Copy**.

When you selected **AUTO** in the Reduction ratio (page 15) in your copying by scanning from ADF, the machine will detect the document size automatically, calculate how much to reduce it and print it to fit on the output paper size selected in this “Paper Size” feature.

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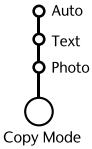
Copy Mode

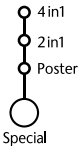
You can select the Copy resolution for your type of the original document (**Auto**, **Text** or **Photo**). Select the right kind of image you're copying.



1. Insert the document face up in the ADF, or face down on the glass platen.
2. Using the numeric keys, enter the number of copies you want (up to 99).
3. Press **Copy Mode** repeatedly until the LED shows the setting you want.
   Auto (line art, graphs, or any combination including photograph)
   Text (text only)
   Photo (photograph only)
4. Press **Copy**.

Special Copy Options (Using the ADF)

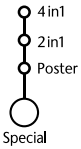
You can save paper by copying either two or four pages onto one page.



1. Insert the document face up in the ADF.
2. Using the numeric keys, enter the number of copies you want (up to 99).
3. Press **Special** repeatedly until the LED shows the setting you want. (2in1 or 4in1)
4. Press **Copy**.

Special Copy Options (Using the Glass Platen)

You can save paper by copying either two or four pages onto one page or you can create a poster size copy of a photograph.



1. Insert the document face down on the glass platen.
2. Using the numeric keys, enter the number of copies you want (up to 99).
3. Press **Special** repeatedly until the LED shows the setting you want. (2in1, 4in1 or Poster)
4. Press **Copy**. The LCD shows:

```
NEXT:PRESS SET
END:PRESS COPY
```

5. Place the next document on the glass platen, and then press **Menu/Set**.
   After all document have been scanned, press **Copy**.

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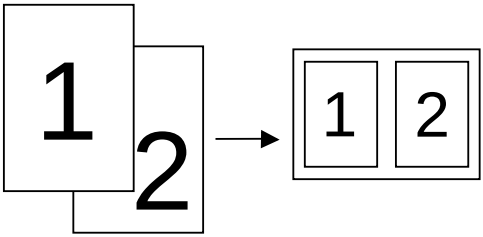
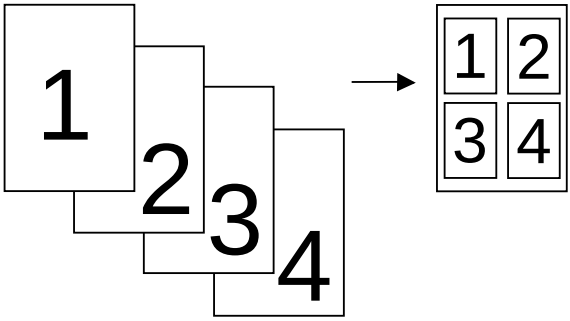
2 in 1



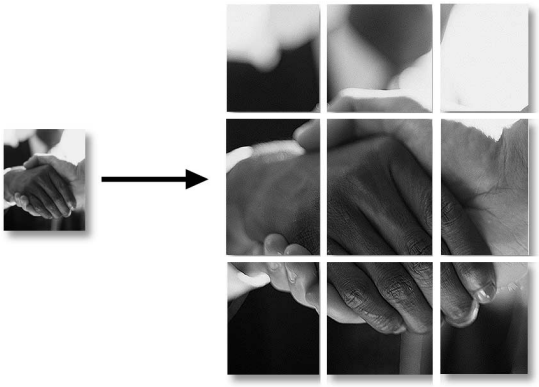
4 in 1



2in1 or 4in1 copy are not available with **Enlarge** or **Reduce**.

Poster

You can create a poster size copy of a photograph.



- Poster size copy can be made only by using glass platen.
- Poster is not available with **Enlarge** or **Reduce**.
- Poster is not available for multiple copies.

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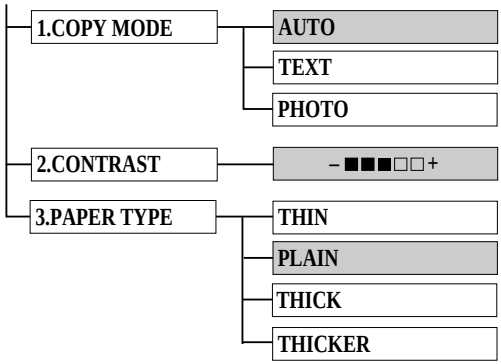
Changing Default Settings

Press **Menu/Set**, **2** to change default settings for Copy mode. These settings will remain until you change them again by pressing **Menu/Set**. Adjust the Copy Mode and Contrast and Paper Type settings.

By pressing a number, you can adjust copy settings as shown in the following chart. Press ◄ or ► to move through the selections for each setting. Press **Menu/Set** to save your selection. Press **Stop**—**OR**—Press ► to select the next setting you want to change.

Press **Menu/Set**, and **2**.



is default

Copy Mode (Type of Document)

You can select the Copy resolution for your type of document. The default setting is **AUTO**, which is used for documents that contain both text and photographs. **TEXT** is used for documents containing only text. **PHOTO** is used for copying photographs.

1. Press **Menu/Set**, **2**, **1**.
2. Press ◄ or ► to choose the type of document (**AUTO**, **TEXT** or **PHOTO**), and then press **Menu/Set**.
3. Press **Stop**—**OR**—Press ◄ or ► for additional settings.

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Copy Contrast

You can adjust copy contrast to make copies darker or lighter.

1. Press **Menu/Set**, **2**, **2**.
2. Press ◄ to make a copy lighter—**OR**—Press ► to make a copy darker, and then press **Menu/Set**.
3. Press **Stop**—**OR**—Press ◄ or ► for additional settings.

Paper Type

You can use the following types of paper for copying. For the best print quality, select the type of media that you use most often.

THIN (60-69 g/m^2)	For thin paper or transparency
PLAIN (70-95 g/m^2)	For ordinary plain paper
THICK (96-120 g/m^2)	For heavy weight paper or rough paper
THICKER (121-161 g/m^2)	For heavier weight paper, rough paper or bond paper

1. Press **Menu/Set**, **2**, **3**.
2. Press ◄ or ► to select your type of paper, and then press **Menu/Set**.
3. Press **Stop**—**OR**—Press ◄ or ► for additional settings.

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Special Printing Features

Windows® Printing

The dedicated printer driver for Microsoft® Windows® 95, 98, 98SE, Me, 2000 Professional and Windows NT® Workstation Version 4.0 are available on the CD-ROM supplied with the MFC. You can easily install them into your Windows® system using our installer program (see Quick Setup Guide). The driver supports our unique compression mode to enhance printing speed in Windows® applications, and allows you to set various printer settings including economy printing mode and custom paper size.

Brother Resource Manager

The Brother Resource Manager application must be running for you to use the machine with your Windows® computer. MFC Software Suite and the Printer Driver automatically load the Resource Manager, as needed. The Resource Manager allows the single bi-directional Parallel port on the machine to simulate a Communications port for scanning and to simulate a Parallel port for Windows® GDI printing.

Enhanced Memory Management

The machine has its own Data Compression Technology, which automatically compresses graphic data and downloads font data efficiently into the MFC's memory. You can avoid memory errors and print most full-page, 600 dpi graphic and text data, including larger fonts, with the machine's standard memory.

Printing From Your PC

Paper Tray

The machine's paper tray can feed plain paper and transparencies. When the machine receives data from your computer, it begins the print process by loading paper from the paper tray.

- Select the print command from your PC.

Your PC sends a print command and data to the machine. The screen displays **RECEIVING DATA**. If there are more pages, the machine begins to print the next page automatically.

You may select the proper paper source, paper size, and orientation in your application software.

If your application software does not support your custom paper size, select the next larger paper size. Then adjust the print area by changing the right and left margins in your application software. (See *Acceptable Paper*, page 29.)

When you use labels, envelopes, card stock or thicker paper, be sure to use the manual feed slot.

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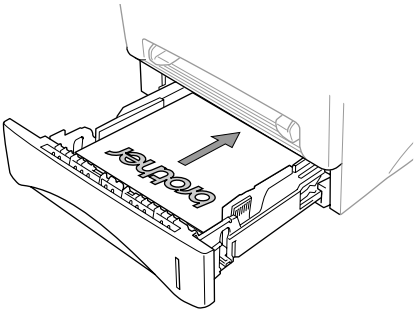
Two-Sided Printing (Manual Duplexing)

The supplied printer driver for Windows® 95, 98, 98SE, Me and for Windows NT® Workstation Version 4.0 enables manual duplex printing. (For more information, see the Help screen for the printer driver.)

The machine prints all the even-numbered pages on one side of the paper first. Then, the Windows® driver instructs you (with a pop-up message) to reinsert the paper. Before reinserting the paper, straighten it well, or you may get a paper jam. Very thin or very thick paper is not recommended.



Please ensure that after making the first print of your “DUPLEX PRINT JOB” the printed sheet goes into the paper tray face-up. Please note the correct orientation, as in the diagram.

When you use the manual duplex function, it is possible that a paper jam may occur or the printer quality might not be satisfactory.

Manual Feed Slot

The machine has a manual feed slot above the paper tray. You can load envelopes and special print media one at a time into this slot. You do not have to remove paper from the paper tray. (See *Acceptable Paper*, page 29.)

Use the manual feed slot to print or copy on labels, envelopes, card stock or thicker paper. (See *Printing on Thicker Paper and Card Stock*, page 26.)

If you use labels and envelopes, they must be of a type suitable for use with a laser printer. If you use incorrect types it is possible to damage or contaminate the drum surface and cause printing problems.

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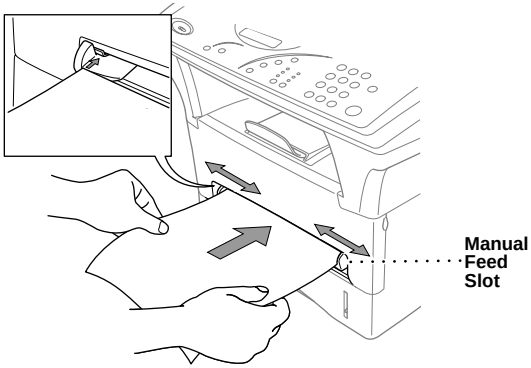
Loading One Sheet of Paper

You do not have to choose manual feed in the Setup dialog box of your printer driver. Insert the sheet of paper for Portrait (vertical) or Landscape (horizontal), with the side you wish to print on face up in the manual feed slot.

1. Align the paper at the centre of the manual feed slot, and be sure to insert the paper into the manual feed slot until the front edge of the paper touches the paper feed roller.
2. Adjust the paper guide of the manual feed slot to the width of the paper you're using.



Loading more than One Sheet of Paper

1. Open the Setup dialog box of the Windows® printer driver and select Manual Feed in the Paper Source section. Follow Steps 1 and 2 above to load the first page. The machine starts printing automatically.
2. After the first page is printed, the screen displays: Insert the next sheet of paper to resume printing.

```
MANUAL FEED
INSERT PAPER
```

3. Repeat Step 2 until you have finished printing.

If you do not select manual paper feed, and insert a page in the manual feed slot, the machine will load the first page from the manual feed slot and subsequent pages from the paper tray.

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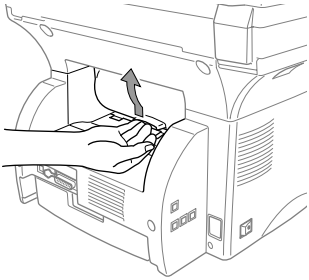
Printing on Thicker Paper and Card Stock

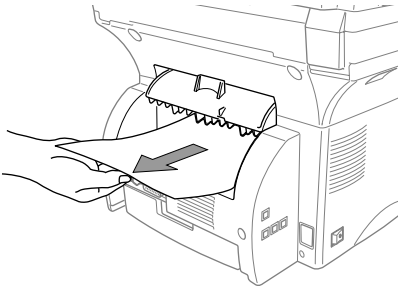
When the rear cover is lifted up, the machine has a straight paper path from the manual feed slot to the rear of the printer. Use this paper feed and output method when you want to print on envelopes, thicker paper or card stock.

1. Select manual feed mode in the printer driver.
2. Send the print data as usual.
3. Lift up the rear cover of the machine.



4. Adjust the manual feed paper guides to the width of the paper you are using.
5. Insert a single sheet of paper into the manual feed slot until the front edge touches the paper feed rollers. Let go of the paper as the machine pulls it into position.
6. After the machine ejects the printed page, return to Step 5 to insert the next sheet of paper. The machine will wait until you insert the next sheet of paper. Repeat Steps 5 and 6 for each page to be printed.
7. When you have finished printing, close the rear cover of the machine.

To prevent the possibility of transparencies smudging as they stack in the output bin, remove each transparency after it exits.



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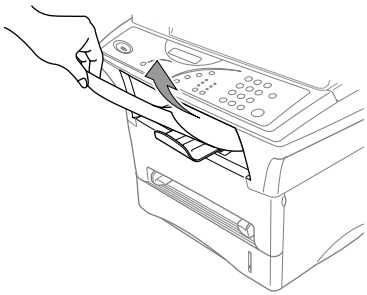
Face Down Output Bin

The machine ejects paper with printed surfaces face down into the output bin in the front of the machine. Pull out the output bin extension to support the printed pages.

To prevent the possibility of transparencies smudging as they stack in the output bin, remove each transparency after it exits.



Reset Key

Press this key to clear data from the memory.

Simultaneous Printing

The machine can print data from your computer while scanning information into the computer. However, when the machine is copying, it pauses the PC printing operation, and resumes when copying is complete.

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Printer Menu Functions

Printing the Internal Font List

You can print a list of the machine's internal (or resident) fonts to see how each font looks before you select it.

1. Press **Menu/Set**, **3**, **1**, **1**.
2. Press **Copy**. The machine prints the list.
3. Press **Stop**.

Printing the Print Configuration List

You can print a list of current settings for the printer.

1. Press **Menu/Set**, **3**, **1**, **2**.
2. Press **Copy**. The machine prints the settings.
3. Press **Stop**.

Restoring Factory Default Settings

You can return the machine to original factory settings. Permanent fonts are restored, macros in the temporary settings are cleared. You can change user settings using the Remote Printer Console program.

1. Press **Menu/Set**, **3**, **2**. The screen displays

```
1.RESET 2.QUIT
```

2. Please choose **1** to restore the factory setting—**OR**—Press **2** to exit without making a change.
3. Press **Stop**.

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Acceptable Paper

To achieve high quality printing using the machine, it's very important to select the right kind of paper.

	Paper Type	Paper Size
Upper Tray & Lower Tray	Cut sheet	A4, Letter, Legal, ISO B5, A5, ISO B6, A6 (for Upper Tray Only), Executive
Manual Feed Slot:	Cut sheet	A4, Letter, Legal, B5(JIS/ISO), A5, B6 (JIS/ISO), A6, Executive, Custom size 70-216 x 116-356 mm (2.75-8.5 x 4.57-14 inches)
	Envelopes	DL, C5, COM-10, Monarch
	Post Card	—
	Labels and Transparencies	A4, Letter

Paper Capacity

Paper Tray:	Up to 27 mm (1.06 inches) in height (up to the mark) Approx. 250 sheets of 75g/m^2 (20 lb), or 10 transparencies
Output Tray (in front of the machine):	Approx. 150 sheets of 75 g/m^2 (20 lb) A4/Letter paper

Paper Specification for the Paper Tray

	Cut Sheet
Basis Weight	60 to 105 g/m^2 (16 to 28 lb)
Caliper	0.08 to 0.13 mm (0.003 to 0.005 inches)
Moisture Content	4% to 6% by weight
Smoothness	100 to 250 (Sheffield)

Manual Feed Slot:

	Cut Sheet	Envelope
Basis Weight	60 to 161 g/m^2 (16 to 43 lb)	75 to 90 g/m^2 (20 to 24 lb)
Caliper	0.08 to 0.2 mm (0.003 to 0.008 inches)	0.084 to 0.14 mm (0.003 to 0.005 inches)
Moisture Content	4% to 6% by weight	4% to 6% by weight
Smoothness	100 to 250 (Sheffield)	100 to 250 (Sheffield)

Recommended paper types:

Plain Paper:	Xerox Premire 80
Transparency:	3M CG3300 for laser printers or equivalent
Label:	Avery laser label L7163

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Printer Driver Settings (For Windows® Only)

Using the Brother MFC-9760 Printer Driver

A Printer Driver is software that translates data from the format used by a computer into the format required by a particular printer, using a printer command language or page description language.

The printer drivers are on the supplied CD-ROM. The latest printer driver can also be downloaded from the Brother Solutions Centre at http://solutions.brother.com

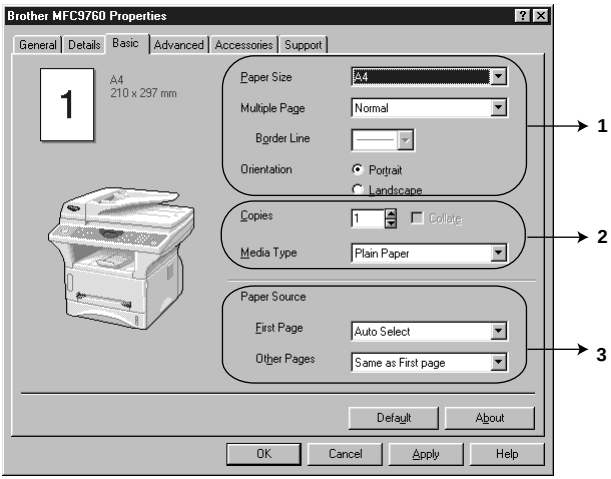
Features in the Printer Driver (For Windows® 95/98/Me and Windows® NT 4.0 Users)

The screens shown in this section are from Windows® 98. The screens on your PC may vary depending on your Windows® Operating System.

For more detailed information, please see the on-line Help in the printer driver.

You can also change settings by clicking the illustration on the left side of the tab screen.

Basic Tab



1. Select the **Paper Size**, **Multiple Page** and **Orientation**.
2. Select number of **Copies** and **Media Type**.
3. Select **Paper Source**, **First Page** and **Other Pages**.

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Paper Size

From the drop-down box select the **Paper Size** you are using.

Multiple Page

The **Multiple Page** selection can reduce the image size of a page allowing multiple pages to be printed on one sheet of paper or enlarging the image size for printing one page on multiple sheets of paper.

Ex. 4 in 1

Ex. 1 in 2x2 pages

Border Line

When printing multiple pages on one sheet with the Multiple Page feature you can select to have a solid border, dash border or no border around each page on the sheet.

Orientation

Orientation selects the position of how your document will be printed (**Portrait** or **Landscape**).

Portrait

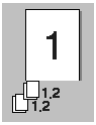
Landscape

Copies

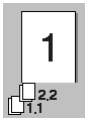
The **Copies** selection sets the number of copies that will be printed.

Collate

The collate selection is active if more than one copy is selected. With the collate check box selected, one complete copy of your document will be printed and then repeated for the number of copies you selected. If the collate check box is not selected then each page will be printed for all the copies selected before the next page in the document is printed.



Collate box checked



Collate box not checked

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Media Type

You can use the following types of media in your printer. For the best print quality, select the type of media that you wish to use.

Plain Paper
Thin Paper
Thick Paper
Thicker Paper
Bond Paper
Transparencies

When using ordinary plain paper, select *Plain Paper*. When using heavier weight paper, envelopes or rough paper select *Thick Paper* or *Thicker Paper*. For bond paper, select *Bond Paper* and for OHP transparencies, select *Transparencies*.

Paper Source

First Page

The **First Page** selection sets the source of where the 1st page of your document will feed paper.

Auto Select	Will feed the 1st page from the first tray available that has the paper size set to match your document setting. (See *Accessories Tab*, page 39.)
Tray1	Feeds the 1st page from Tray1.
Tray2 (Option)	Feeds the 1st page from the optional Tray 2.
Manual	Feeds the 1st page from the Manual Feed Slot.

If you choose *Tray 1*, *Tray 2* or *Manual* the tray you select will be highlighted on the driver screen.

Other Pages

Feeds the remaining pages of your document from the selected source.

Same as First page

Tray 1

Tray 2 (Option)

Manual

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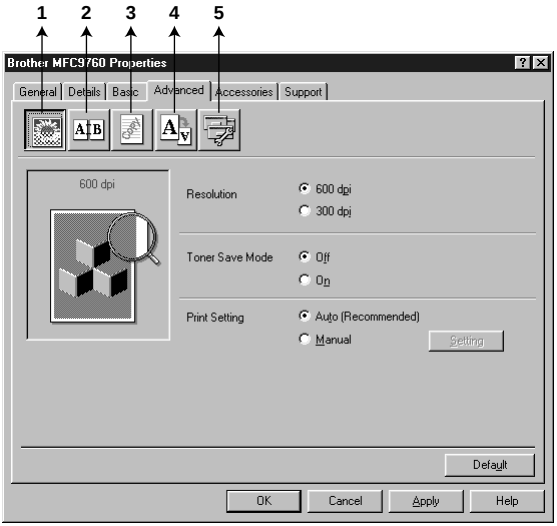
Advanced Tab



Change the tab settings by selecting one of the following icons:

1. **Print Quality**
2. **Duplex Printing**
3. **Watermark**
4. **Page Setting**
5. **Device Option**

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Print Quality

Resolution

You can change the resolution as follows:

- **300 dpi**
- **600 dpi**

Toner Save

You can save running costs by turning on the **Toner Save Mode**, which reduces the print density.

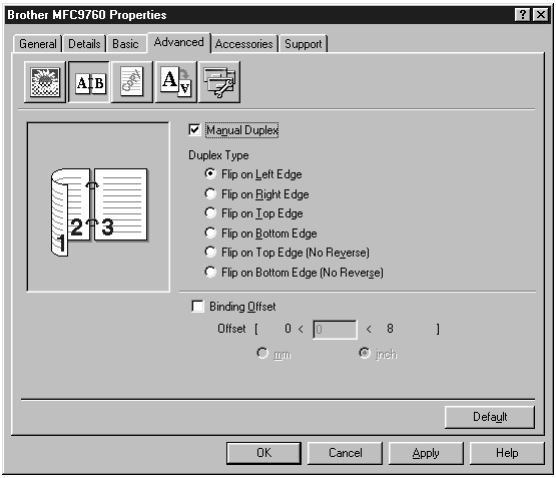
Print Setting (For Windows® 95/98/98SE/Me Users Only)

Print Setting is used for optimizing your print quality for the type of document being printed (Photos, Graphics or Scanned Images). When you choose **Auto (Recommended)**, the printer automatically prints with the most suitable print settings.

With the Print Setting set to **Manual**, you can change the **Brightness**, **Contrast** and **Graphics Quality** options manually.

Duplex Printing

Choosing the **Duplex Printing** icon displays the **Manual Duplex** features available.



Manual Duplex

Check the **Manual Duplex** box and there are six types of duplex directions available for each orientation. In this mode, the machine prints all the even numbered pages first. Then the printer driver stops and shows the instructions required to re-install the paper. When you click **OK** the odd numbered pages are printed.

Binding Offset

Check the **Binding Offset** option, you can specify the offset value of the binding side in inches or millimetres (0 – 8 inches) [0 – 203.2 mm].

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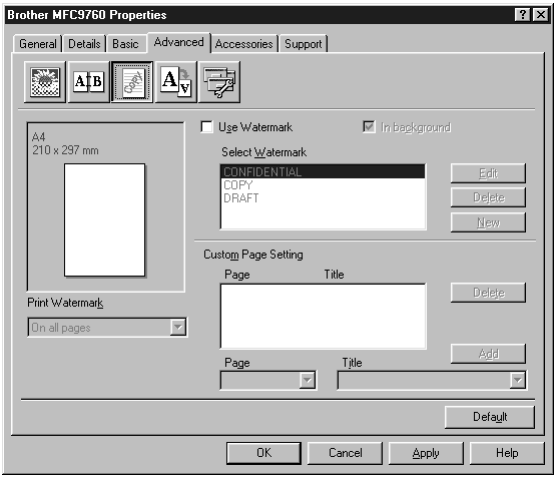
Watermark

You can place a logo or text into your document as a Watermark by using a bitmap file as your source file or select one of the preset Watermarks.



Print Watermark

The **Print Watermark** feature offers printing choices of:

On all pages
On first page only
From second page
Custom

In background

With the **In background** feature checked the Watermark will print behind your document on the page. If this feature is not checked then the Watermark will print on top of your document.

You can change the size and the **Position** of the Watermark on the page by selecting the Watermark and clicking the **Edit** button. If you want to add a new Watermark, click the **New** button and select **Text** or **Bitmap** from the **Watermark Style**.

Watermark Text

Enter your **Watermark Text** into the Text Box and select the **Font**, **Size**, **Darkness** and **Style**.

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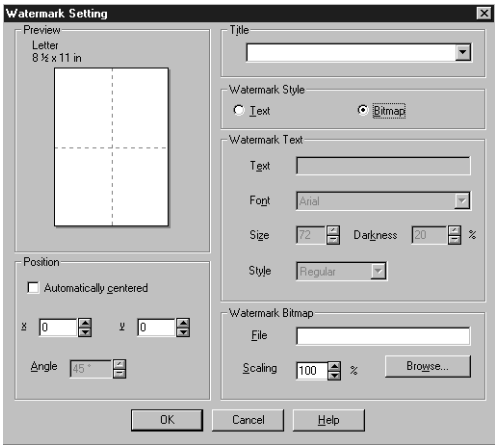
Watermark Bitmap

Enter the file name and location of your bitmap image in the **File** box or **Browse** for the file location. You can also set the scaling size of the image.

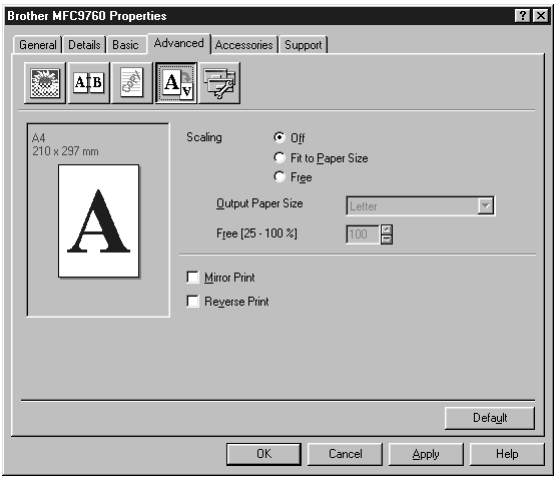


Position

The position settings offer controls on where the Watermark can be positioned on the page.

Page Setting

You can change the print size of your document with the **Scaling** feature.



1. Check **Off** if you want to print the document as it appears on your screen.
2. Check **Fit to Paper Size**, if your document has an unusual size, or if you have only the standard size paper.
3. Check the **Free** box if you want to reduce or enlarge the output.

You can also use the **Mirror Print** or **Reverse Print** feature for your page setting.

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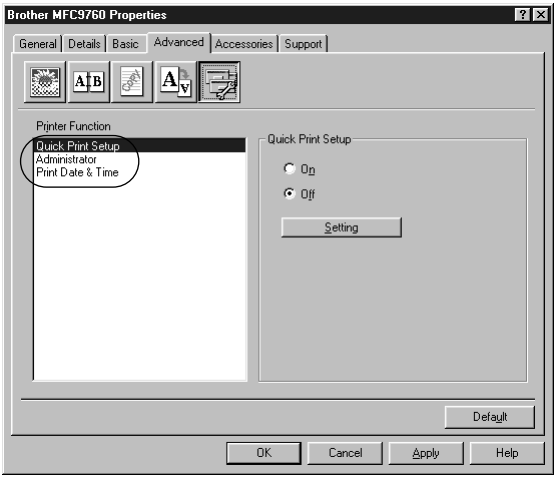
Device Options

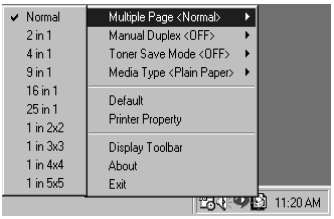
Set one of the following Printer Functions:

- **Quick Print Setup**
- **Administrator** (For Windows® 95/98/98SE/Me Users Only)
- **Print Date & Time**



Quick Print Setup

The **Quick Print Setup** feature allows you to quickly select driver settings. To view settings, simply click your mouse button on the task tray icon. This feature can be set to **ON** or **OFF** from the Device Options section.



PRINTER/SCANNER

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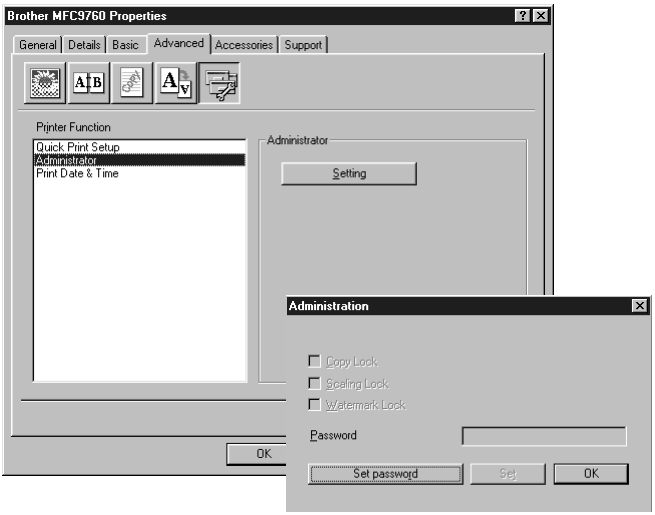
Administrator (For Windows® 95/98/98SE/Me Users Only)

The administrator selection permits the **Copy**, **Scaling** and **Watermark** features to be locked and **Password** protected.



Record your password and keep it in a safe place for future reference. If you forget your password these settings can not be accessed.

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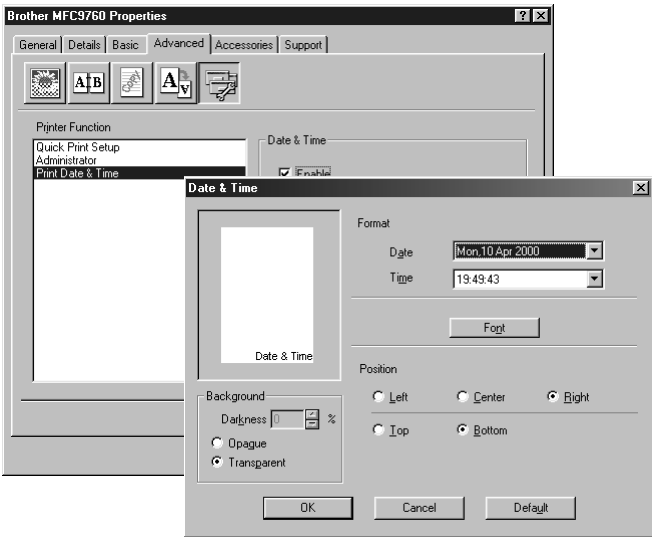
Print Date & Time

When enabled the **Print Date and Time** feature will automatically print the date and time on your document from your computers system clock.



Click the **Setting** button to change the **Date and Time Format**, **Position** and **Font**. To include a background with the Date and Time select **Opaque**. When **Opaque** is selected you can set the **Darkness** of the Date and Time background by changing the percentage.

The Date and Time indicated in the selection box represents the format that will be printed. The actual Date and Time printed on your document is automatically retrieved from the settings of your computer.

Accessories Tab

The **Accessories** Tab includes the settings for configuring the printer driver for what size paper is being used for each paper source. This tab also installs any additional options into the driver settings.

Paper Source Setting

To configure the paper size for each paper source, highlight the source from the **Paper Source Setting** list. Select the **Paper Size** from the pull-down box and click **Update**. (The **Paper Source Setting** is used when selecting *Auto Select* in the **Basic** Tab.)

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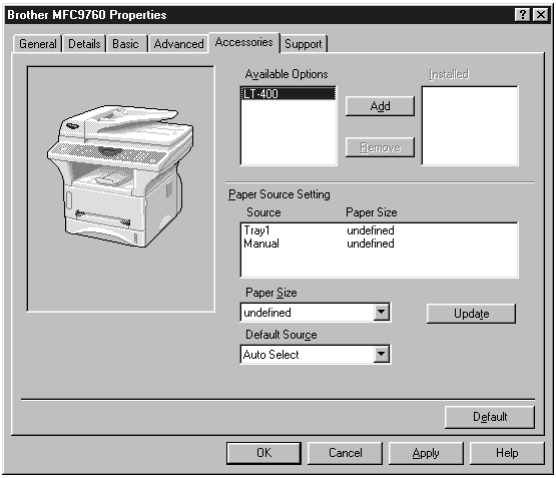
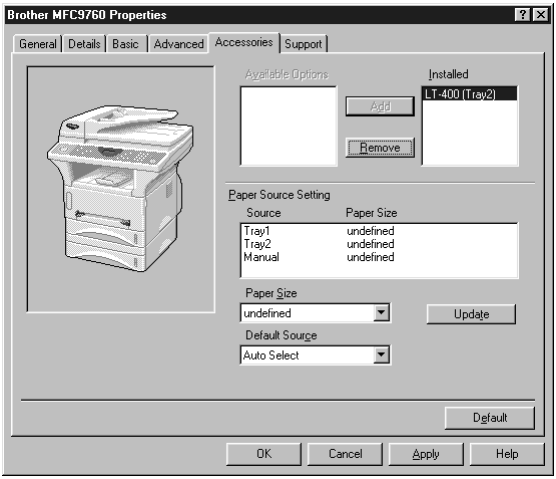
Default Source

The **Default Source** allows you to choose which paper source will be used when the paper size of the document being sent does not match the Paper Source Settings.



Available Options

In order to access the optional 2nd paper tray the option must be installed in the driver. Highlight the model number from the **Available Options** list and click **Add**. The optional tray will then be listed in the **Installed** box, **Paper Source Setting** list and the screen illustration will display the 2nd tray.



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Support Tab

The Support Tab provides driver version information and setting information. In addition there are links to the Brother Solution Centre and Driver Update Web sites.

Brother Solutions Centre

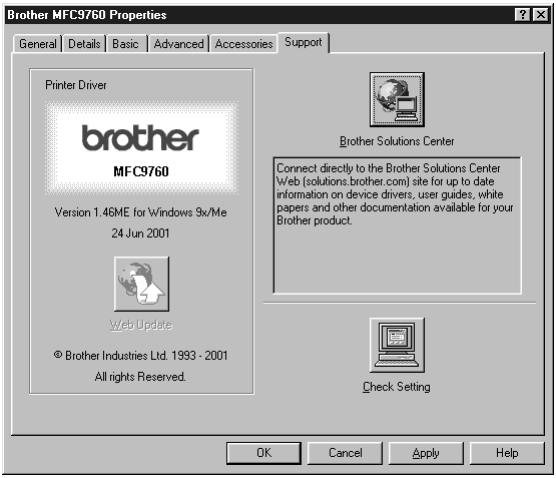
The **Brother Solutions Centre** is a Web site offering information about your Brother product including FAQ's, User Guides, Driver updates and Tips for using the machine.

Web Update

Web Update checks the Brother web site for updated drivers and automatically downloads and updates the driver on your computer.

Check Setting

The **Check Setting** selection displays a list of your current drivers settings.



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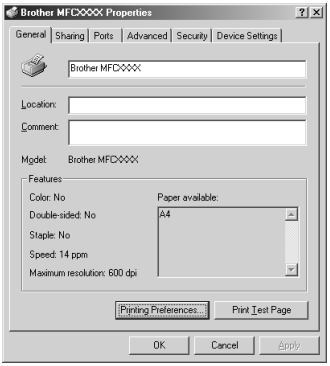
Features in the Printer Driver (For Windows® 2000)

The Windows® 2000 printer driver utilizes Microsoft's uni-driver architecture. The following section describes the driver features and selections available for Windows® 2000.

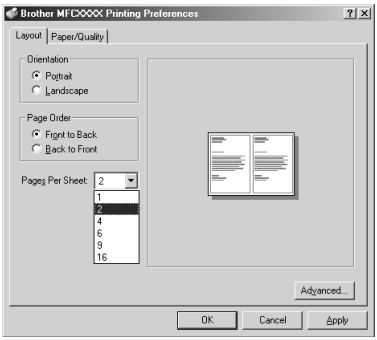
General Tab



Printing Preferences

In the General tab, click the **Printing Preferences...** button to access the Layout tab.

Layout Tab



Orientation

Orientation selects the position of how your document will be printed (**Portrait** or **Landscape**).

Portrait

Landscape

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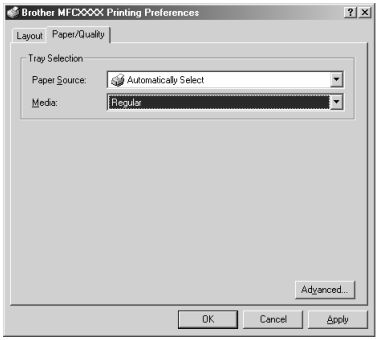
Pages Per Sheet

You can select 1, 2, 4, 6, 9 or 16 pages to be printed on one sheet of paper. The image of each page will be reduced as needed to fit on the paper.

2 in 1

4 in 1

Paper/Quality Tab



Tray Selection

Paper Source

Possible paper sources are: *Automatically Select*, *Auto*, *Upper Paper Tray*, *Lower Paper Tray* (optional paper tray) and *Manual Feed Slot*.

- When *Automatically Select* is chosen the machine automatically will choose the tray with the appropriate size of paper.

The paper size for each paper source must be set in the Device Settings tab for the Automatically Select feature to work properly.

- The *Auto* option is for machines that can automatically detect the size of paper that is loaded in the paper source; Auto is not active for the machine.

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Media

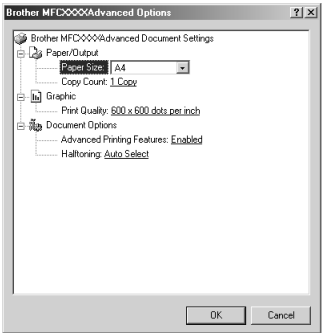
For the best print quality, select the type of media you are using:

- *Regular*
- *Thick Paper*
- *Thicker Paper*
- *Transparency*

When using ordinary plain paper, select *Regular*. When using heavier weight paper, envelopes, or rough paper, select *Thick Paper* or *Thicker Paper*. For OHP transparencies, select *Transparency*.

Advanced Options

Click the **Advanced...** button in the Paper/Quality tab to access the screen below:



Paper/Output

Paper Size—Select the paper size of the document you are printing. This size should be the same as the paper size that is set in your application software.

Copy Count—Type the number of copies you want.

Graphic

Print Quality—You can change the resolution as follows:

600 x 600 dots per inch
300 x 300 dots per inch

Document Options

Advanced Printing Features—You can Enable or Disable Advanced Printing Features from this selection. If you disable it, Page Order, Pages Per Sheet, Copy and Collate will be disabled.

Halftoning—This selection is for changing the dither pattern to achieve the best print results when printing graphics. The choices are as follows:

Auto Select
Super Cell
Dither 6 x 6
Dither 8 x 8

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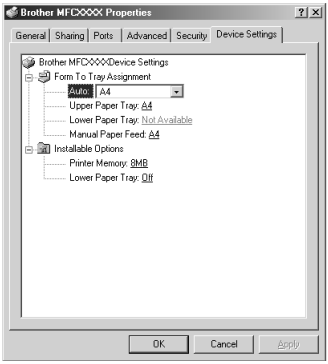
Device Settings Tab



Form To Tray Assignment

This selection assigns the paper size to each paper source. For auto paper selection (**Automatically Select**) to work properly, the paper size set for each source must match the actual size of paper loaded.

The available options are:

A4
A5
B5 (JIS)
Executive
Legal
Letter

Installable Options

Printer Memory—If you installed optional memory into the machine, you must select the correct size of total memory in the machine for the driver to access the additional memory.

Lower Paper Tray—If an optional lower tray is installed, this selection must be set to ON to enable access to the lower tray.

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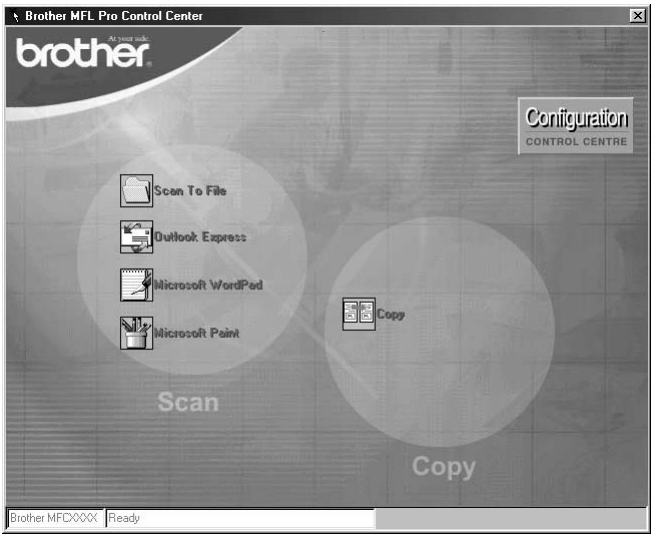
Brother Control Centre

The Brother Control Centre is a software utility that pops up on the PC screen whenever paper is placed in the ADF. This feature does not work when scanning from the glass platen. This allows you to access the most frequently used scanning applications only with a few mouse clicks. Using the Control Centre eliminates the need to manually launch the specific applications.

If you want to scan the document from the glass platen, please use the TWAIN driver (see *Scanning a Document into your PC*, page 60).

The Brother Control Centre provides two categories of functions:

1. Scan directly to a file, E-mail, word processor or graphic application of choice
2. Copy functions.



AutoLoad the Brother Control Centre

The Control Centre is initially configured to automatically load each time Windows® is started.

When the Control Centre is loaded, the Control Centre icon will appear in the task bar. If you don't want the Control Centre to load automatically, you can turn off AutoLoad.

If the Control Centre icon does not appear in your taskbar, you will have to launch this software. From the **Start** menu, select **Programs**, **PaperPort**, and then double-click **Brother SmartUI PopUp**.

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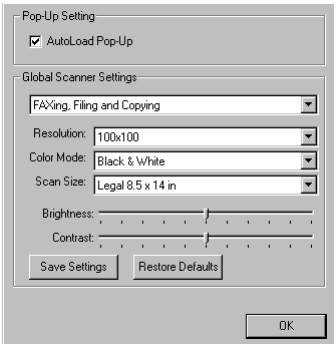
How to Turn Off AutoLoad

1. Left click the Control Centre icon and click **Show**.
2. When the Control Centre main screen appears, left click on the **Configuration** button. A dialog box with a check box labelled "**AutoLoad Pop-up**" will appear:



3. Uncheck the **AutoLoad Pop-Up** option.

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Brother Control Centre Features

Auto Configuration

During the installation process the Control Centre checks your system to determine the default applications for E-mail, word processing and graphics viewer/editor. For example, if you are using Outlook as your default E-mail application, the Control Centre automatically will create a link and a scanning application button for Outlook.

You can change a default application by right clicking on any of the scan buttons in the Control Centre and selecting a different application. For example, you can change a scan button from *MS Word* to *MS Word Pad* by changing the application that is listed for the **Word Processor**.

Scanning Operations

Scan to File—allows you to scan directly to a disk file with two mouse clicks. You can change the file type, destination directory and file name, as needed.

Scan to E-mail—enables you, with just two mouse clicks, to scan a picture or text document directly into an E-mail application as a standard attachment. You have the option of selecting the file type and resolution for the attachment.

Scan to Word Processor—enables you to scan a text document, run ScanSoft TextBridge OCR and insert the text original (not graphic image) into a word processing file with just two mouse clicks. You have the option of selecting the destination word processing program, such as Word Pad, MS Word, Word Perfect, etc.

Scan to Graphic Application—allows you to scan an image directly into any graphic viewer/editor application. You can select the destination application, such as MS Paint or Corel PhotoPaint.

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Copy Operations

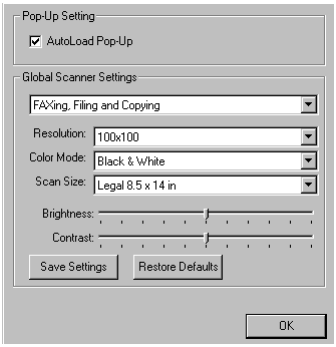
Copy—allows you to use the PC and any Windows® printer driver for enhanced copy functions. You can scan the page on the Brother MFC and print the copies using any of the features of the Brother MFC printer driver—**OR**—You can direct the copy output to any standard Windows® printer driver installed on the PC.

Scanner Settings

When the Pop-Up screen is displayed, you can access the **Scanner Settings** window.

Click the **Configuration**

icon at the top right of the Brother Control Centre screen—**OR**—Click the **Modify Settings…** button on any of the Configuration screens.



Global Settings

AutoLoad Pop-Up—Click this checkbox if you want Brother Control Centre to load when you boot your computer.

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Setting Up the Scanner Configurations

The Pop-Up application stores eight different scanning modes. Each time you scan a document, you will choose the most appropriate scanning mode from the following:

Faxing, Filing and Copying
Text for OCR
Photos
Photos (High Quality)
Photos (Quick Scan)
Custom
Draft Copy
Fine Copy

Each mode has its own set of stored settings. You can keep the factory default settings or change them at any time:

Resolution—Select the scanning resolution you most frequently use.
Colour Mode—From the pull-down list.
Scan Size—From the pull-down list.
Brightness—Slide the adjuster from 0% to 100%
Contrast—Slide the adjuster from 0% to 100%

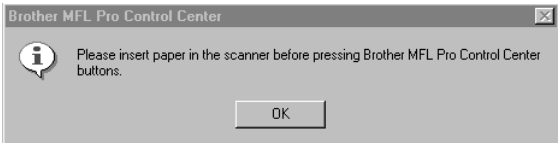
Click **OK** to save your changes. If you make a mistake or later decide to return to the original default setting, just click the **Restore Defaults** button when the scanning mode is displayed.

To access the Scanner Configurations screen:

1. Insert the document face up in the ADF.
2. Right-click the appropriate **Control Centre** button to display **Configurations**, then click it. The configuration screen for that **Control Centre** button will appear.
3. To save your settings, press the **OK** button—**OR**—To return to the factory default settings, press the **Restore Defaults** button.

Perform an Operation from the Brother Control Centre Screen

If you see this screen it means you left-clicked a button in the **Brother Control Centre** window without first placing a document in the ADF.


Brother MFL Pro Control Center
Please insert paper in the scanner before pressing Brother MFL Pro Control Center buttons.
OK

Place the document in the Brother machine's ADF, then click **OK** to return to the **Brother Control Centre** screen.

If you want to scan the document from the glass platen, please use the TWAIN driver (see *Scanning a Document into your PC*, page 60).

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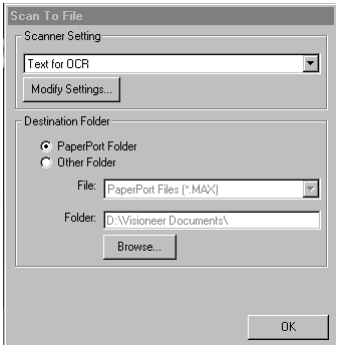
Scan to File



Scanner Settings

From the pull-down list, select the scanning mode that is appropriate for the type of file: *Faxing, Filing and Copying*; *Text for OCR*; *Photos*; *Photos (High Quality)*; *Photos (Quick Scan)*; *Custom*; *Draft Copy* or *Fine Copy*.

To change any of the settings for that mode, click the **Modify Settings…** button.

Destination Folder

PaperPort Folder—Select this checkbox to scan the document into your PaperPort folder.

Other Folder—Select this checkbox, to scan the document as another file type and/or into another directory/folder.

File—If you selected **Other Folder**, from the pull-down list select the type of file:

PaperPort Files (.MAX)*
Self Viewing Files (.EXE)*
PaperPort 5.0 Files (.MAX)*
PaperPort 4.0 Files (.MAX)*
PaperPort 3.0 Files (.MAX)*
Windows Bitmap (.BMP)*
PC Paintbrush (.PCX)*
Multi-page PCX (.DCX)*
JPEG Image Files (.JPG)*
TIFF-Uncompressed (.TIF)*
TIFF Group 4 (.TIF)*
TIFF Class F (.TIF)*
Multi-Page TIFF-Uncompressed (.TIF)*
Multi-Page TIFF Group 4 (.TIF)*
Multi-Page TIFF Class F (.TIF)*
PDF Files (.PDF)*
Portable Network Graphics (.PNG)*
FlashPix (.FPX)*
HFX Fax Files (.HFX)*

To Search your system for the directory and folder you want, click the **Browse…** button. Click **OK** to save your settings.

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Scan to E-mail

Scanner Settings

From the pull-down list, select the scanning mode that is appropriate for the type of file: *Faxing*, *Filing and Copying*; *Text for OCR*; *Photos*; *Photos (High Quality)*; *Photos (Quick Scan)*; *Custom*; *Draft Copy* or *Fine Copy*.

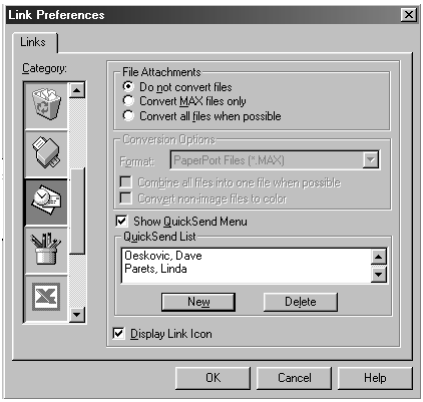
To change any of the settings for that mode, click the **Modify Settings…** button.

E-mail Application

E-mail Application—From the pull-down list, select your E-mail application.

E-mail Settings—Click the **E-Mail Settings…** button to set up links.

The **Link Preferences** window will appear:



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File Attachments

Do not convert files—Click this checkbox if you do not want to change the file type of attachments. The Conversion Options will not be available (greyed).

Convert MAX files only—Click this checkbox if you want to convert only attachments that are PaperPort files.

Convert all files when possible—Click this checkbox if you want to change the file type of all attachments.

Conversion Options

Format

Combine all files into one file when possible—Click this checkbox to combine all files of the same type into one file.

Convert non-image files to colour—Click this checkbox to convert all files that have been processed through OCR to colour.

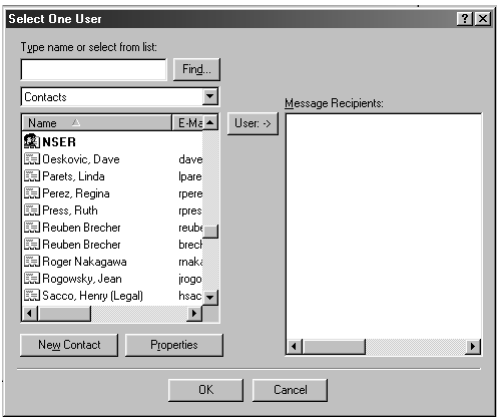
Show QuickSend Menu

Click this checkbox if you want the **Select QuickSend Recipient** window to be displayed when you choose Scan to E-mail. This feature works only with MAPI type E-mail applications, such as Microsoft Exchange, Microsoft Outlook and Eudora.

QuickSend List

You can create a list of E-mail names and addresses for quick selection.

Click the **New** button to add a name(s) to your **QuickSend list**. Your E-mail phone book listing is displayed, so you can select stored names or create new ones:



Highlight the name(s) you want to add to your list, click the **User** button, then click **OK** to return to the **Link Preferences** window.

From the **Link Preferences** window, you can remove a name from the QuickSend list, by highlighting the name and clicking the **Delete** button.

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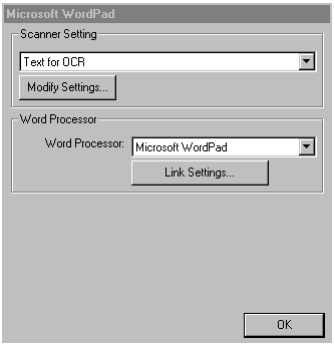
Scan to Word Processor



Scanner Settings

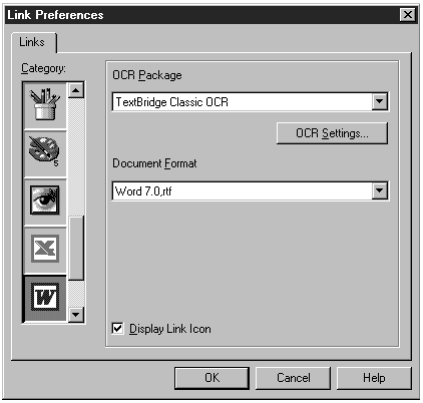
From the pull-down list, select the scanning mode that is appropriate for the type of file: *Faxing*, *Filing and Copying*; *Text for OCR*; *Photos*; *Photos (High Quality)*; *Photos (Quick Scan)*; *Custom*; *Draft Copy* or *Fine Copy*.

To change any of the settings for that mode, click the **Modify Settings…** button.

Word Processor

Word Processor—From the pull-down list, select the word processor you want to use.

Click the **Link Settings…** button to display a screen to set up a link to the version of OCR and document format that you want to use:



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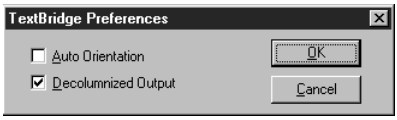
OCR Package—From the pull-down list, select *TextBridge Classic OCR* if you want to use the OCR package that was installed with the Brother MFC Software Suite.

Click the **OCR Settings…** button to choose how the OCR application will read the pages you scan into your word processor application.

The Preferences window will appear:

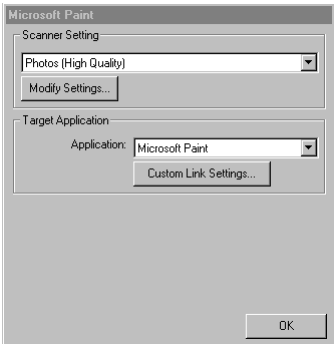


Select your setting and click **OK**.

- **Auto Orientation**—Check this checkbox if you want your word processor application to read the page as it is set up.
- **Decolumnized Output**—Check this checkbox if you want your word processor application to read across the entire page from left to right.

Document Format—From the pull-down list, select the file format you want to use for your word processor or text documents.

User Defined Button



Scanner Settings

From the pull-down list, select the scanning mode that is appropriate for the type of file: *Faxing, Filing and Copying*; *Text for OCR*; *Photos*; *Photos (High Quality)*; *Photos (Quick Scan)*; *Custom*; *Draft Copy* or *Fine Copy*.

To change any of the settings for that mode, click the **Modify Settings…** button.

Target Application

Application—From the pull-down list, select the application you want to add to this Pop-Up screen.

Click the **Custom Link Settings…** button to set up links for your user-defined application.

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Copy

Scanner Settings

From the pull-down list, select the scanning mode that is appropriate for the type of file: *Faxing*, *Filing and Copying*; *Text for OCR*; *Photos*; *Photos (High Quality)*; *Photos (Quick Scan)*; *Custom*; *Draft Copy* or *Fine Copy*.

To change any of the settings for that mode, click the **Modify Settings…** button.

Copy Settings

Brother MFC9760

Copies—Enter the number of copies you want to print.

To change the copy options, click the **Copy Options…** button.

Click the **OK** button to save your **Copy** settings.

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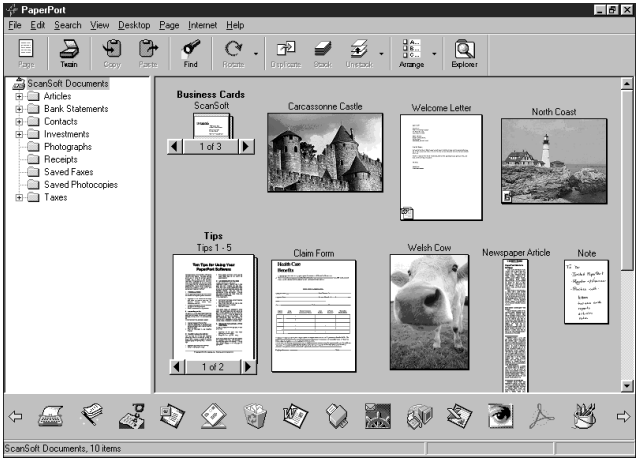
6 Using ScanSoft™ PaperPort® for Brother and ScanSoft™ TextBridge®

ScanSoft™ Paper Port® for Brother is a document management application. You will use PaperPort® to view scanned documents. PaperPort® has a sophisticated, yet easy-to-use, filing system that will help you organize your documents. It allows you to combine or "stack" documents of different formats for printing or filing. PaperPort® can be accessed through the PaperPort® program group.



The complete ScanSoft™ PaperPort® User's Guide, including ScanSoft™ TextBridge® OCR, is in the Manuals section on the CD-ROM. This chapter is only an introduction to the basic operations. When you install MFC Software Suite, ScanSoft™ PaperPort® for Brother and ScanSoft™ TextBridge® OCR are installed with it automatically.

To Uninstall PaperPort® and ScanSoft™ TextBridge®
Select **Start**, **Settings**, **Control Panel**, **Add/Remove Programs** and the **Install/Uninstall** tab. Select PaperPort® from the list and click the **Add/Remove** button.

Viewing Items in ScanSoft™ PaperPort® for Brother

PaperPort® provides several ways to view items: **Desktop View** displays a thumbnail, a small graphic that represents each item in a Desktop or folder. Items in the selected folder appear on the PaperPort® Desktop. You can see PaperPort® items (MAX files) and non-PaperPort® items (files created using other applications).

Non-PaperPort® items include an icon that indicates the application that was used to create the item; a non-PaperPort® item is represented by a small rectangular thumbnail and not an actual image.

Page View displays a close-up of a single page and you can open a PaperPort® item by double-clicking on it. As long as you have the appropriate application on your computer to display it, you can also double-click a non-PaperPort® item to open it.

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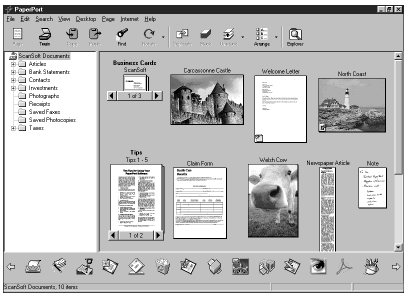
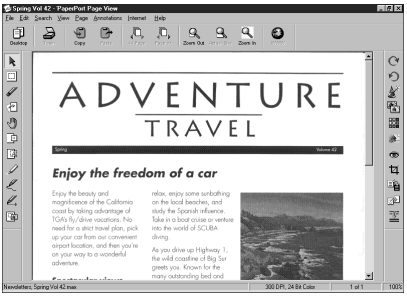


Desktop View displays items as thumbnails



Page View displays each item as a full page

Organizing Your Items in Folders

PaperPort® has an easy-to-use filing system for organizing your items. The filing system consists of folders and items that you select to view in **Desktop View**. An item can be a PaperPort® item or a non-PaperPort® item:

- Folders are arranged in a “tree” structure in the Folder View. You use this pane to select folders and view their items in **Desktop View**.
- You can simply drag and drop an item onto a folder. When the folder is highlighted, release the mouse button and the item is stored in that folder.
- Folders can be “nested”—that is, stored in other folders.
- When you double-click a folder, its items (both PaperPort® MAX files and other files) appear on the Desktop.
- You can also use Windows® Explorer to manage the folders and items shown in **Desktop View**.

Links to Many Other Applications

PaperPort® automatically recognizes many other applications on your computer and creates a “working link” to them. The Link Bar at the bottom of **Desktop view** shows icons of those linked applications. To use a link, drag an item onto one of the icons to start the application represented by the icon. This sample Link Bar shows several applications with links to PaperPort®.

If PaperPort® does not automatically recognize one of the applications on your computer, you can manually create a link using the **Create New Link** command. (See PaperPort® Help for more information about creating new links.)

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Using ScanSoft™ TextBridge® OCR (Converting Image Text to Text You Can Edit)

Software by: ScanSoft™

ScanSoft™ TextBridge® OCR is automatically installed when you install PaperPort® on your computer.

PaperPort® can quickly convert the text on a PaperPort® item (which is really just a picture of the text) into text that you can edit with a word processing application. PaperPort® uses the optical character recognition application ScanSoft™ TextBridge®, which comes with PaperPort®—**OR**—PaperPort® uses your application if it is already on your computer. You can convert the entire item, or by using the **Copy As Text** command, you can select only a portion of the text to convert.

Dragging an item onto a word-processing link icon starts PaperPort®'s built-in OCR application, or you can use your own OCR application.

Importing Items from Other Applications

In addition to scanning items, you can bring items into PaperPort® in a variety of ways and convert them to PaperPort® (MAX) files in several different ways:

- Print to the **Desktop View** from another application, such as Microsoft Excel.
- Import files saved in other file formats, such as Windows® Bitmap (BMP) or Tag Image File Format (TIFF).

Exporting Items in Other Formats

You can export or save PaperPort® items in several popular file formats. You can export formats BMP, PCX, DCX, JPG, TIF, PDF, PNG, FPX, HFX, or self-viewing. For example, you could create a file for an Internet Web site and export it as a JPEG file. Web pages often use JPEG files for displaying images.

Exporting an Image File

1. Select the **Export** command from the **File** pull-down menu in the PaperPort® window. The Export 'XXXXX' As dialog box will be displayed.
2. Select the drive and directory where you want to store the file.
3. Enter the new file name and choose the file type or select a name from the File Name text box. (You can scroll through the Directories and File Name listing for prompting.)
4. Select the **OK** button to save your file, or **Cancel** to return to the PaperPort® without saving it.

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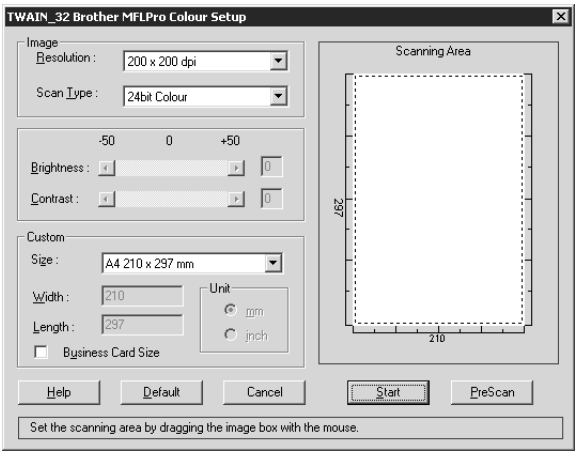
Accessing the Scanner

To choose **TWAIN_32 Brother MFL Pro Colour** as your scanner driver, select it under the "**Select scanner**"—**OR**—"**Select source**" option in your software.

From the PaperPort® window, select **Acquire** from the File drop-down menu or select the **TWAIN** or **Scan** button. The Scanner Setup dialog box will appear:



Scanning a Document into your PC

1. Insert the document face up in the ADF, or face down on the glass platen.
2. Adjust the following settings, if needed, in the Scanner Setup window:
   - **Resolution**
   - **Scan Type** (*Black & White*, *Gray [Error Diffusion]*, *True Gray*, *256 Colour*, *24 bit Colour*, *24 bit Colour (fast)*)
   - **Brightness**
   - **Contrast**
   - **Size**
3. Select the **Start** button from the Scanner window.

When scanning is completed, close the scanner window. The PaperPort® screen will appear showing the image you scanned highlighted in red.

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Settings in the Scanner Window

Image

Resolution

Select the scanning resolution from the Resolution drop down list. Higher resolutions take more memory and transfer time, but can achieve a finer scanned image.

Scan Type

Black & White: Set the **Scan Type** to *Black & White* for text or line art. For photographic images, set the **Scan Type** to *Grey (Error Diffusion)* or *True Grey*.

Grey (Error Diffusion): is used for documents that contain photographic images or graphics. (*Error Diffusion* is a method for creating simulated grey images by placing black dots in a specific matrix instead of true grey dots.)

True Grey: also is used for documents containing photographic images or graphics. This mode is more exact because it uses up to 256 shades of grey. It requires the most memory and longest transfer time.

Colours: Choose either *256 Colour*, which scans up to *256 colours*, *24 Bit colour* which scans up to 16.8 million colours. Although using *24 Bit colour* creates an image with the most accurate colours, the image file will be approximately three times larger than a file created with *256 Colour*.

Brightness

Adjusting the brightness settings to obtain the best image. The MFC Software Suite offers 100 brightness settings (-50 to 50). The default value is 0, representing an “average” setting.

You can set the brightness level by dragging the slidebar to the right to lighten the image or to the left to darken the image. You can also type a value in the box to set the settings.

If the scanned image is too light, set a lower brightness value and scan the document again.

If the image is too dark, set a higher brightness value and scan the document again.

Contrast

The contrast setting is adjustable only when you have selected one of the **Scan Type** settings, but it is not available when *Black & White* is selected as the **Scan Type**.

Increasing the contrast level (by dragging the slidebar to the right) emphasizes dark and light areas of the **Image**, while decreasing the contrast level (by dragging the slidebar to the left) reveals more detail in grey areas. Instead of using the slidebar, you can type a value in the box to set the contrast.

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Custom

Size

Set the **Size** to one of the following:

- *Letter (8 1/2 x 11 inches)*
- *A4 (210 x 297 mm)*
- *Legal (8 1/2 x 14 inches)*
- *A5 (148 x 210 mm)*
- *B5 (182 x 257 mm)*
- *Executive (7 1/4 x 10 1/2 inches)*
- *Business Card (60 x 90 mm)*
- *Custom (User adjustable from 0.35 x 0.35 inches to 8.5 x 14 inches)*

After you select a custom size, you can adjust the scanning area further by using the left mouse button to drag the dotted outline of the scanning area. This is required when you want to crop an image when scanning.

Business Card Size

To scan business cards, select the **Business Card (60 x 90 mm) size** setting and place the business card at the centre of the glass platen.

When scanning photographs or other images for use in a word processor or other graphics application, you should try different settings for the contrast, mode and resolution to see which settings best suit your needs.

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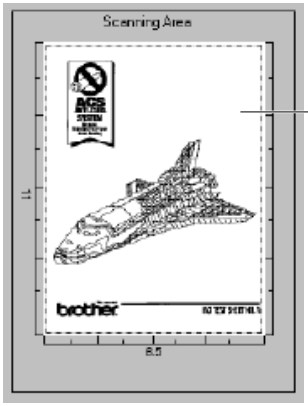
PreScanning an Image

PreScanning allows you to scan an image quickly at a low resolution. A thumbnail version of the image will appear in the **Scanning Area**. This is only a preview of the image so you can see how it will look. The **PreScan** button is used to preview an image for cropping any unwanted portions from the image. When you are satisfied with the preview, select the **Start** button to scan the image.

1. Insert the document face up in the ADF, or face down on the glass platen.
2. Select the **PreScan** button:
   The entire document will be scanned into the PC and will appear in the **Scanning Area** of the Scanner window.



3. To crop a portion of the document to be scanned, drag any side or corner of the dotted outline in the **Scanning Area** with the left mouse button. Adjust the dotted outline until it surrounds only the portion of the document you wish to scan.
4. Insert the document face up in the ADF, again, if you use the ADF in Step 1.
5. Adjust the settings for **Resolution**, **Scan Type**, **Brightness**, **Contrast**, and **Size** in the Scanner Setup window, as needed.
6. Select the **Start** button.
7. In the PaperPort® window, use the options available in the Markups pull-down menu and the Crop option in the Options pull-down menu to refine the image.

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Set up Your USB Equipped Apple® Macintosh® G3,G4 or iMac™/iBook™ with Mac OS 8.5/8.5.1/8.6/9.0/9.0.4/9.1

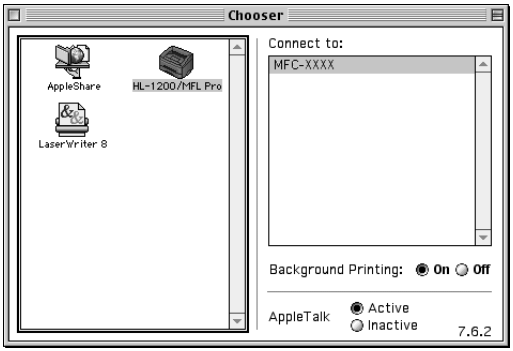
Before you can connect the machine to your Macintosh®, you must purchase a USB cable that is no longer than 6 feet (1.8 meters).

To work with the machine, your USB-Equipped Apple® Macintosh® must be set up with Mac OS 8.5/8.5.1/8.6/9.0/9.0.4/9.1. (The Brother Scanner Driver works only with Mac OS 8.6/9.0/9.0.4/9.1.)

Using Brother Printer Driver with your Apple® Macintosh®

To select the Printer:

1 From the Apple menu, open the **Chooser**.



2 Click the **HL-1200/MFL Pro** icon. On the right side of the **Chooser**, click the printer to which you want to print. Close the **Chooser**.

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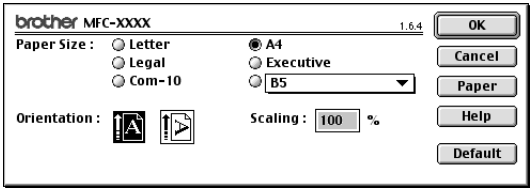
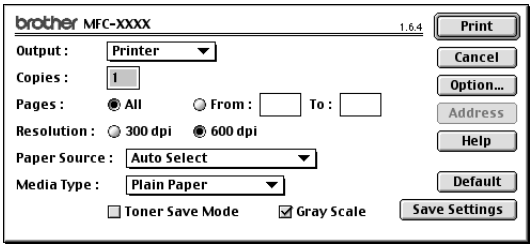
To print the document:

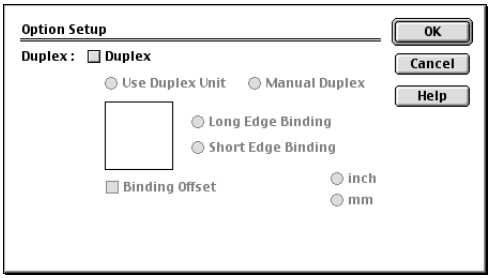
3 From your Macintosh application software, click **File** menu and select **Page Setup**. You can change the settings for **Paper Size**, **Orientation** and **Scaling**, then click **OK**.



4 From application software, click **File** menu and select **Print**. Click **Print** to start printing.



If you want to change **Copies**, **Pages**, **Resolution**, **Paper Source** and **Media Type**, select your settings before clicking **Print**.
Option Setup allows you to change **Duplex**.



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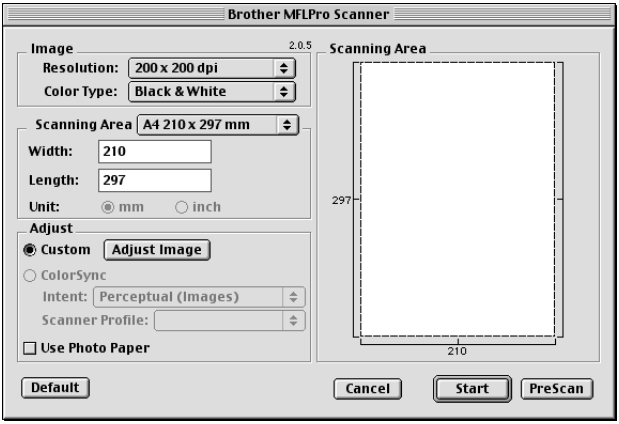
Using Brother TWAIN Scanner Driver with Your Apple® Macintosh®

The Brother MFC Software Suite includes a TWAIN Scanner driver for Macintosh®. This Macintosh® TWAIN Scanner driver can be used with applications that support the TWAIN specification.

Accessing the Scanner

Run your Macintosh TWAIN-compliant application software. The first time you use the Brother Twain driver, set it as default by choosing the **Select Source**. Afterwards, for each document you scan choose **Acquire Image** or select **Scan**. The scanner setup dialog box will appear.



Scanning a Document into Your Macintosh G3, G4 or iMac™/iBook™

1. Insert the document face up in the ADF, or face down on the glass platen, again.
2. Adjust the following settings, if needed, in the scanner setup dialog box:
   Resolution
   Colour Type
   Brightness
   Contrast
   Scanning Area
3. Click **Start**.

When scanning is finished, the image will appear in your graphics application.

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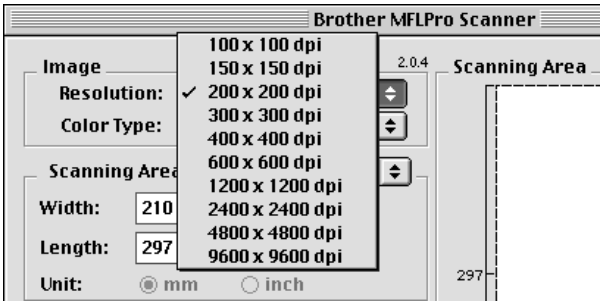
Settings in the Scanner Window

Image

Resolution

Choose the scanning resolution from the **Resolution** pop-up menu. Higher resolutions take more memory and transfer time, but can achieve a finer scanned image.



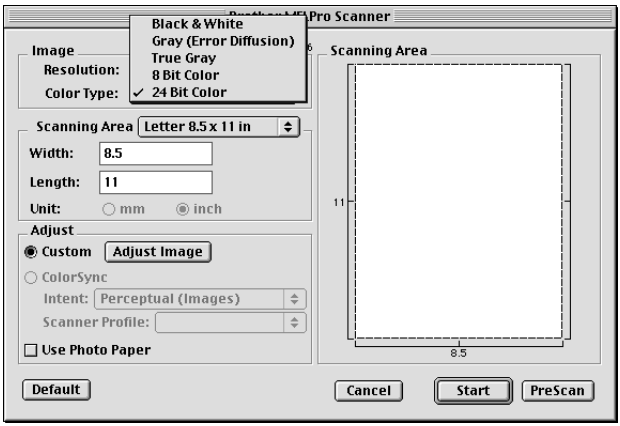
Colour Type

Black & White—Set the **Colour Type** to *Black & White* for text or line art. For photographic images, set the **Colour Type** to *Grey (Error diffusion)* or *True Grey*.

Grey (Error Diffusion)—is used for documents that contain photographic images or graphics. (*Error Diffusion* is a method for creating simulated grey images by placing black dots in a specific matrix instead of true grey dots.)

True Grey—also is used for documents containing photographic images or graphics. This mode is more exact because it uses up to 256 shades of grey. It requires the most memory and longest transfer time.

Colours: Choose either *8 Bit Color*, which scans up to 256 colours or *24 Bit Color* which scans up to 16.8 million colours. Although using *24 Bit Color* creates an image with the most accurate colours, the image file will be approximately three times larger than a file created with 8 Bit Colour.



PRINTER/SCANNER

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Scanning Area

Set the **Size** to one of the following:

- *Letter (8.5 x 11 inches)*
- *A4 (210 x 297 mm)*
- *Legal (8.5 x 14 inches)*
- *A5 (148 x 210 mm)*
- *B5 (182 x 257 mm)*
- *Executive (7.25 x 10.5 inches)*
- *Business Card (90 x 60 mm)*
- *Custom (User adjustable from 0.35 x 0.35 inches to 8.5 x 14 inches)*

After you choose a custom size, you can adjust the scanning area. Click and hold the mouse button as you drag the mouse to crop the image.

Width: Enter the width of the custom size.

Length: Enter the length of the custom size.

Business Card Size

To scan business cards, select the Business Card size setting (90 x 60 mm), and then place the business card at the centre of the glass platen.

When scanning photographs or other images for use in a word processor or other graphics application, it is a good idea to try different settings for the Contrast, Mode and Resolution to determine which settings look best.

Adjust Image

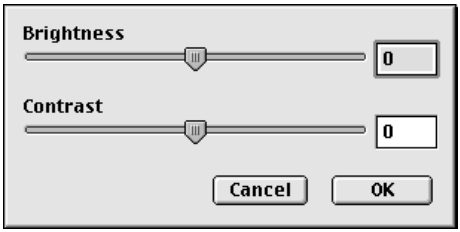
Brightness

Adjust the brightness settings to obtain the best image. The Brother TWAIN Scanner driver offers 100 brightness settings (-50 to 50). The default value is 0, representing an “average” setting.

You can set the brightness level by dragging the slidebar to the right to lighten the image or to the left to darken the image. You can also type a value in the box to set the setting. Click **OK**.

If the scanned image is too light, set a lower brightness value and scan the document again.

If the image is too dark, set a higher brightness value and scan the document again.



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Contrast

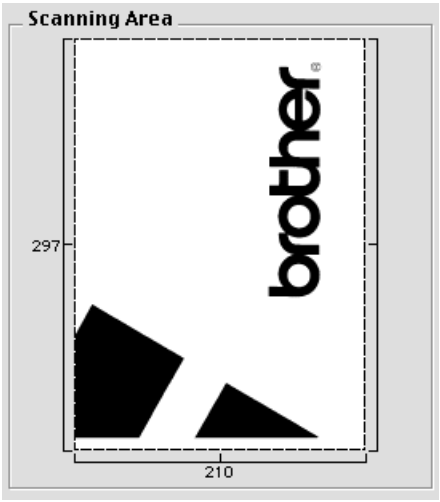
The contrast setting is adjustable only when you have selected one of the grey scale or colour settings, but it is not available when *Black & White* is selected as the **Colour Type**.

Increasing the contrast level (by dragging the slidebar to the right) emphasizes dark and light areas of the Image, while decreasing the contrast level (by dragging the slidebar to the left) reveals more detail in grey areas. Instead of using the slidebar, you can type a value in the box to set the contrast. Click **OK**.

PreScanning an Image

PreScanning allows you to scan an image quickly at a low resolution. A thumbnail version will appear in the **Scanning Area**. This is only a preview of the image, so you can see how it will look. The **PreScan** button is used to preview an image for cropping any unwanted portions from the image. When you are satisfied with the preview, click **Start** to scan the image.

1. Insert the document face up in the ADF, or face down on the glass platen.
2. Click **PreScan**.
   The entire document will be scanned into your Macintosh will appear in the **Scanning Area** of the Scanner dialog box:
3. To scan a portion of the prescanned image, click and drag the mouse to crop it.



4. Insert document face up in the ADF again, if you use the ADF in Step 1.
5. Adjust the settings for **Resolution**, **Colour Type**, **Brightness**, **Contrast**, and **Size** in the Scanner Setup dialog box, as needed.
6. Click **Start**.
   This time only the selected area of the document will appear in the **Scanning Area**.
7. Use your application, software for editing and refining the image as usual.

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8 For DOS User

How to Use the machine with Your DOS Application Software

Before working with your application software that runs on DOS, check that the machine's name appears in the printer selection of your application software. If the machine is not listed, you must install the printer driver that corresponds to HP LaserJet 5P's emulations.

The following table shows the combination of printer driver and emulation mode. To get the most out of this machine, you should install an HP printer driver in your application software.

Printer driver supported in your application software	Emulation mode to be selected with the remote printer console program
HP LaserJet 5P™	HP LaserJet 5P emulation mode

- Be sure to choose the proper printer driver in your application software.
- Be sure the printing resolution is set to 600 dpi in your DOS application software.

What Does the Remote Printer Console Do?

The Remote Printer Console (RPC) is a utility program that can run in the DOS environment:

This program allows you to change various printer settings such as emulation, print quality, fonts, page setup etc., from your computer screen. Since most DOS applications have a Printer Settings menu that overrides the settings made by the RPC, you may not have to use this utility program. This utility program is useful for application software that does not control the printer's settings and features.

Installing the Remote Printer Console

Before you install the program, make sure you have the following hardware and software to install the program:

DOS	Version 3.3 or later
Monitor	EGA/VGA or compatible
Option	Mouse; the mouse driver must be installed. (You can also operate the program with the keyboard.)

Follow these steps to install the remote printer console program:

1. Make sure the machine is connected to your computer.
2. Start your computer and go to the DOS prompt. If you are in Windows®, exit and return to the DOS prompt.
3. Insert the Brother CD-ROM into your CD-ROM drive (substitute your appropriate drive letter for "X").
4. At the DOS prompt (C:\>) type X: (X is the letter of your CD-ROM drive) and press Enter.

```
C:\>X:
```


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5 Type CD DOS and press Enter.

```
X:\>CD DOS
```

6 Type RPCSETUP and press Enter.

```
X:\DOS>RPCSETUP
```

7 Follow the instructions from the installer.

Running the Remote Printer Console Main Program

Type C:\DOS>RPCX and press the Enter key to start the Remote Printer Console main program. The Main Screen will appear on your computer screen.

- Do not use this program from a DOS window running under Windows.

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Error Messages

You may occasionally encounter a difficulty with the machine. If this happens, the machine often identifies the problem and displays an error message. The list below explains the most common error messages, in alphabetical order.

ERROR MESSAGE	CAUSE	ACTION
CHANGE DRUM SOON	The drum unit is near the end of its life.	If you have a print quality problem, replace the drum unit with a new one.
	The drum counter was not reset after a new drum was fitted.	1. Open the front cover and press **Clear Settings**. 2. Press **1** to reset.
CHANGE TONER	If the display shows **CHANGE TONER** and at the same time the Toner Empty LED on the control panel flashes on and off, you can still print. But the toner is depleted and the machine is telling you that the toner will soon run out.	Order a new toner cartridge now.
CHECK DOCUMENT	Documents were not inserted or fed properly or document was too long.	Do not pull paper out until you see *Document Jams and Paper Jams*, page 74.
CHECK CASSETTE	MFC cassette is not installed properly.	Install cassette properly.
CHECK SCAN LOCK	The scanner lock is locked.	Release the scanner lock lever and press **Stop**.
CHECK PAPER **CHECK PAPER #1*** **CHECK PAPER #2*** *With optional paper tray	The machine is out of paper or paper is not properly loaded in the paper tray.	Refill the paper or remove the paper and load it again.
COOLING DOWN	The temperature of the drum unit or toner cartridge is too hot. The machine will pause its current print job and go into cooling down mode. During the cooling down mode, you will hear the cooling fan running while the display on the machine shows **COOLING DOWN**.	You must wait and allow the machine to resume printing when it is ready.
COVER OPEN	The front cover was not completely closed.	Open, then close the front cover.
MACHINE ERROR XX	Machine has a mechanical problem.	Turn off the power. Then contact your Brother dealer for service.

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ERROR MESSAGE	CAUSE	ACTION
OUT OF MEMORY (When the machine is used as a printer.)	The machine memory capacity has been exceeded.	- Press **Reset** to delete data remaining in the memory of the machine. - If you have installed the Windows® driver, try again after setting the True Type mode to "Print as Graphics" in the PRINT menu of your application software. - Reduce the print resolution or reduce the complexity of your document. - Expand the printer memory with the optional memory board.
OUT OF MEMORY (When the machine is used as a copier.)	The machine memory capacity has been exceeded.	See *Out of Memory Message*, page 14.
PAPER JAM	The recording paper is jammed in the machine.	See *Printer Jam or Paper Jam*, page 74.
PLS CLEAN DRUM	The primary corona wire of drum unit is dirty.	Clean the primary corona wire of drum unit. (See *Cleaning the Drum Unit*, page 83.)
PLS OPEN COVER	A page, piece of paper or paper clip, etc. may be jammed inside the machine.	Open the front cover and remove the drum unit. If you see any jammed paper or other item, gently pull it out. Reinstall the drum unit, then close the front cover. If the error message remains, open and close the front cover again. If the machine cannot reset itself and return to copy status prompt, it will display **MACHINE ERROR XX**. Then contact your Brother dealer for service.
TONER EMPTY	Toner is used up and printing is not possible, or toner cartridge is not installed into the drum unit.	Replace the toner cartridge with a new one, or install the toner cartridge into the drum unit. (See *Replacing the Toner Cartridge*, page 84.)

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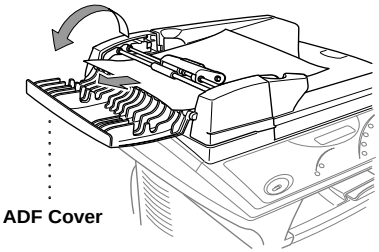
Document Jams and Paper Jams

Based upon where the original document or printed sheet is jammed, follow the appropriate set of instructions to remove it.

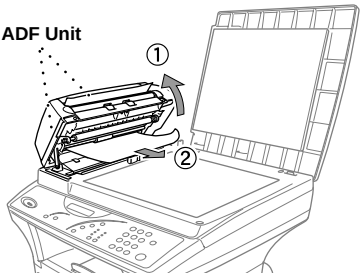
Document Jam in the Top of the ADF Unit

1. Remove any paper from the document feeder that is not jammed.
2. Lift the ADF cover.
3. Pull the jammed document out to the left.
4. Close the ADF cover.
5. Press **Stop**.



Document Jam inside the ADF Unit

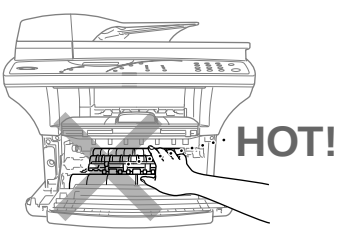
1. Remove any paper from the document feeder that is not jammed.
2. Open the document cover.
3. Lift the ADF unit.
4. Pull the jammed document out to the right.
5. Close the ADF unit.
6. Close the document cover.
7. Press **Stop**.



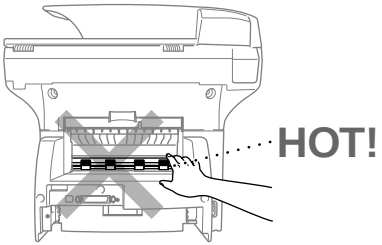
Printer Jam or Paper Jam

Before you can clear a paper jam error, you must find out where the paper is stuck. Review the following two types of printer jams and follow the instructions.

- **Do not force the jammed paper from the paper tray because you may damage the machine and cause toner to scatter on the next printed pages.**
- **After you have used the machine, some internal parts of the machine are extremely HOT! When you open the front or rear cover of the machine, never touch the internal parts shown in the following picture.**



Front view



Rear view

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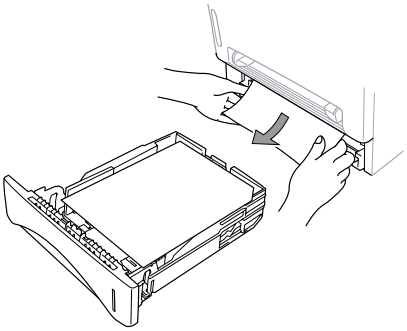
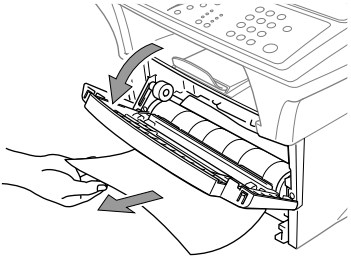
Paper is Jammed in the Paper Tray

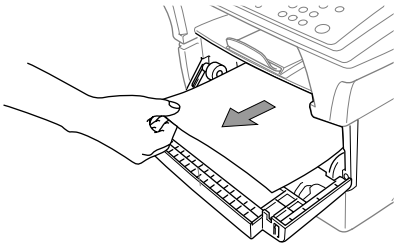
1. Pull the paper tray out of the machine.
2. Remove any crinkled sheets.
3. Adjust the guides inside the paper tray according to the paper you are using.
4. Press down the paper to flatten it in the paper tray.
5. Reinstall the paper tray.



Paper is Jammed near the Drum Unit

1. Open the front cover.
2. Remove the drum unit but do not force it if it cannot be removed easily. Instead, pull the edge of the jammed paper from the paper tray.

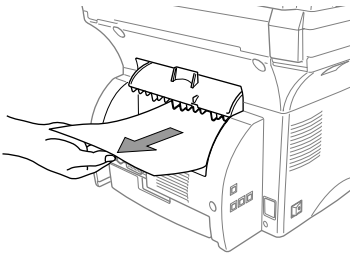




3. Gently pull out the jammed paper.
4. Reinstall the drum unit.
5. Close the front cover.

Paper is Jammed in the Fuser Unit

1. Open the rear cover.
2. Pull out jammed paper. When you have to pull paper out the back of the machine, the fuser may get dirty with toner powder causing the next few printed page(s) to look messy. Print a few copies of the test page until the pages print clearly.
3. Close the rear cover.



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Difficulty with Operation

If you think there is a problem with the machine, check the table below and follow the troubleshooting tips.

DIFFICULTY	SUGGESTIONS
General Printing Difficulties	
The machine does not print.	Make sure the machine is turned on. The toner cartridge and drum unit are installed properly. The interface cable is securely connected between the machine and computer. Check to see if LCD is showing an error message.
The machine prints unexpectedly or it prints garbage.	Switch off. Make sure your application software is correctly set up to use the machine by checking the primary settings in your application software.
The machine prints the first couple of pages correctly, then some pages have text missing.	Your computer is not recognizing the printer's "input buffer full" signal. Please make sure you connect the printer cable correctly.
The machine cannot print full pages of a document. A **OUT OF MEMORY** error message occurs.	Reduce the printer resolution. Reduce the complexity of your document and try again. Reduce the graphic quality or the number of font sizes within your application software. Expand the printer memory with the optional memory board. (See *Memory Board*, page 94.)
My headers or footers appear when I view my document on the screen but do not show up when I print them.	Most laser printers have a restricted area that will not accept print. Usually these are the first two lines and last two lines, leaves 62 printable lines. Adjust the top and bottom margins in your document to allow for this.
Windows® Setup Printing Difficulties	
I cannot print from my application software.	Make sure the Windows® printer driver is installed and you select it in your application software.
Software Difficulties	
"MFC Connect Failure"	If the machine is not connected to your PC and you have loaded the Brother software, the PC will show "MFC Connect Failure" each time you restart Windows®. You can ignore this message or you can turn it off by deselect the AutoLoad PopUp check box in the Brother Control Centre chapter. (See *How to Turn Off AutoLoad*, page 47.)
Paper Handling Difficulties	
The machine does not load paper. The LCD shows **CHECK PAPER** or **PAPER JAM**	Check to see if the **CHECK PAPER** or **PAPER JAM** message appears on the LCD. If so, the paper tray may be out of paper. If it is empty, load a new stack of paper into the paper tray. If there is paper in the paper tray, make sure it is straight. If the paper is curled, you should straighten it. Sometimes it is helpful to remove the paper, turn the stack over and put it back into the paper tray. Reduce the amount of paper in the paper tray, then try again. Check the manual feed mode is not selected in the printer driver. (See *Paper Source*, page 32.)

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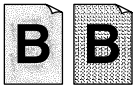
DIFFICULTY	SUGGESTIONS
How can I clear paper jams?	See *Document Jams and Paper Jams*, page 74.
Copy Quality Difficulties	
Vertical streaks appear in copies	Sometimes you may see vertical streaks on your copies. Either the scanner or the primary corona wire for printing is dirty. Clean them both.
Print Quality Difficulties	
Printed pages are curled.	Thin Paper (60-69 g/m^2) can cause this problem. Make sure you select the Paper Type that suits the paper in your paper tray. (See *Paper Type*, page 18 and 22 and *Media Type*, page 32.)
Printed pages are smeared.	Rough surfaces or thick media can cause "smeared pages"—**OR**—"the toner to smear". Make sure you select the correct Paper Type that suits the paper in your paper tray. (See *Paper Type*, page 18 and 22 and *Media Type*, page 32.)
Printouts are too dark or light	Adjust the print conditions by setting the Print Density function, it has been factory set to the middle position. (See *Setting the Print Density*, page 11.)
Printed pages contain white stripes. **White Stripes or Faint Images**	You may fix this by wiping the scanner windows with a clean soft cloth. (See *Regular Maintenance*, page 81 and *Cleaning the Printer*, page 82.) If you still see white stripes or faint images and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
Printed pages are stained with toner or have vertical stripes. **Dark Stripes or Toner Stains**	Clean the machine's interior and the primary corona wire of drum unit. (See *Regular Maintenance*, page 81 and *Cleaning the Drum Unit*, page 83.) Make sure that the tab of the corona wire is at the home position. If after cleaning, you still see dark stripes or toner stains and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
Printed pages have white spots in black text and graphic areas. **White Spots**	Make sure that you use paper that meets the specifications. (See *Acceptable Paper*, page 29.) Rough surface or thick media can cause the problem. If you still see white spots and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
Toner scatters and stains the printed page.  **Scattering Toner**	Adjust the print conditions by setting the Print Density function. (See *Setting the Print Density*, page 11.) Clean the machine's interior. (See *Regular Maintenance*, page 81 and *Cleaning the Drum Unit*, page 83.) Make sure that you use paper that meets specifications. (See *Acceptable Paper*, page 29.) If you still have scattered toner and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.

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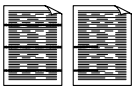
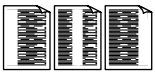
DIFFICULTY	SUGGESTIONS
The whole page is printed black. **Black Page**	Clean the machine's interior and the primary corona wire of the drum unit. (See *Regular Maintenance*, page 81 and *Cleaning the Drum Unit*, page 83.) Also, do not use heat-sensitive paper as it will cause this problem. After cleaning, if the printed pages are still black or the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one. The drum unit may be damaged.
Nothing is printed on the page. **White page**	Make sure that the toner cartridge is not empty. If the toner cartridge is empty, replace the toner cartridge. (See *Replacing the Toner Cartridge*, page 84.)
Printed pages are marked regular intervals.  **Example of Regular Marking**	Markings may disappear by themselves. Try copying at multiple pages to clear this problem. Markings may occur if the machine has not been used for a long time. A possible cause is that the surface of the drum is marked or damaged by excessive exposure to light. In this case, replace the drum unit with a new one.
Printed pages are blurred at the centre or at either edge.  **Blurred Page**	Certain environmental conditions such as humidity, high temperatures, etc. may cause this condition to occur. Make sure the machine is placed on a flat, horizontal surface. Remove the drum unit with the toner cartridge installed. Try rocking them from side to side. You may clear a blurred page by wiping the scanner window with a clean soft cloth. (See *Regular Maintenance*, page 81.) If a blurred page occurs after cleaning and the display shows **CHANGE DRUM SOON**, replace the drum unit with a new one.
Ghost images appear on printed page. **Ghost Images**	Adjust the print conditions by changing the Print Density setting. (See *Setting the Print Density*, page 11.)—**OR**—Rough surfaces or thick media can cause a ghost image. Make sure you select the Paper Type that suits the paper in your paper type. (See *Paper Type*, page 18 and 22 and *Media Type*, page 32.)

The drum unit is a consumable and it is necessary to replace it periodically.

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Packing and Shipping the Machine

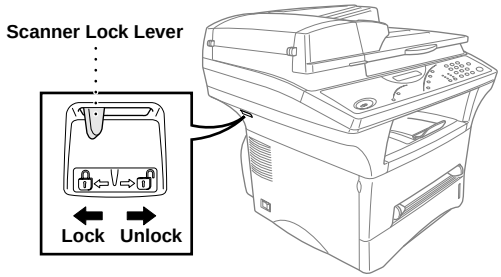
Whenever you transport the machine, use the packing materials that came with the machine. If you do not pack the machine correctly, you could void your warranty.

1 Switch off the machine.

Do not turn off the machine until a print or copy job is finished.

2 Switch on the machine again. And leave it for 5 seconds.

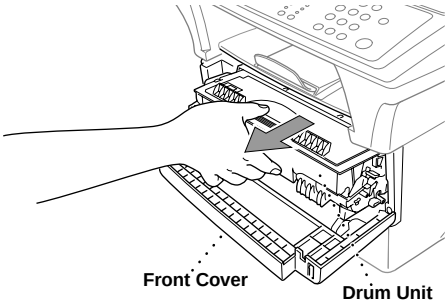
3 Lock the scanner lock lever.
The blue scanner lock lever is on the left side of the machine. Press it backward to lock it.



Damage caused to the machine by failure to lock the scanner lock lever before moving and shipping will void your warranty.

4 Remove the drum unit assembly.

Remove the drum unit and toner cartridge assembly. Leave the toner cartridge installed in the drum unit.



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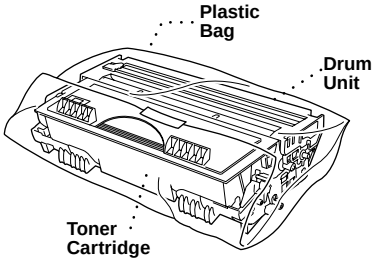
5 Place the drum unit and toner cartridge assembly into the plastic bag and seal the bag completely.

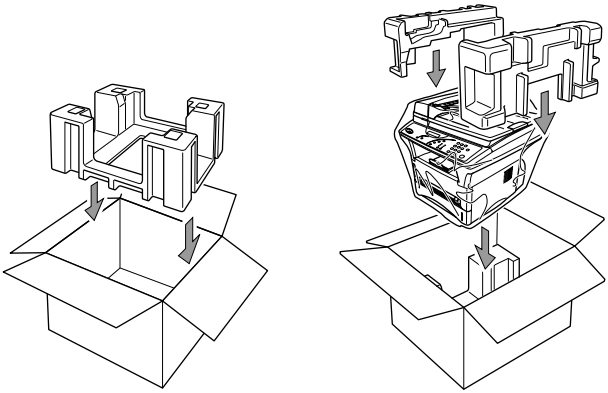


6 Close the front cover. Put the front output bin extension into position.

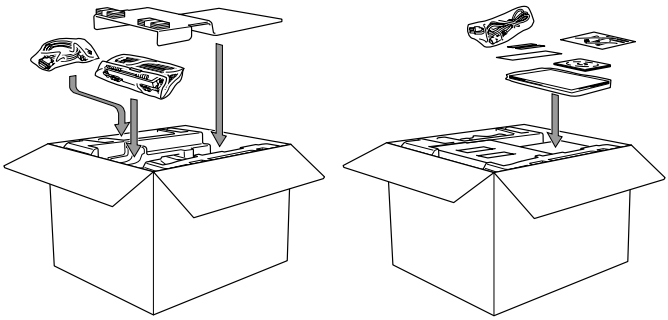
7 Switch off and unplug the machine from the AC outlet.

8 Unplug the Parallel cable or USB cable from the machine.

9 Wrap the machine in the plastic bag and place it in the original carton with the original packing material.



10 Place documents (manual, printed material and CD-ROM), drum unit and toner cartridge assembly and power cord into the carton as shown below.



11 Close the carton and tape it shut.

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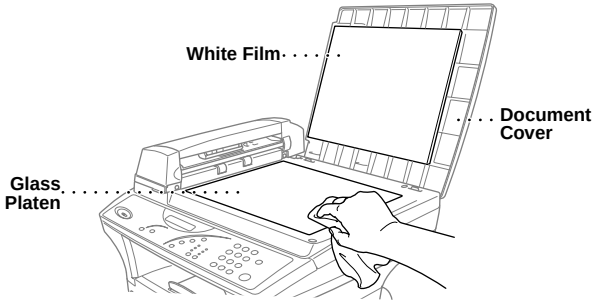
Regular Maintenance

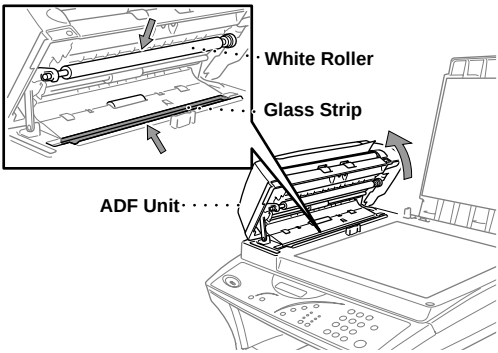
You can keep the machine in optimum condition by cleaning it on a regular basis. It is a good idea to clean the drum unit during this routine. Avoid using thinners or other organic solvents to clean the machine and do not use water.

Cleaning the Scanner

Switch off and unplug the machine and lift the document cover. Clean the glass platen and white film with isopropyl alcohol on a lint-free cloth.



Lift the ADF unit. Clean the white roller, and the glass strip under the roller with isopropyl alcohol on a lint-free cloth.



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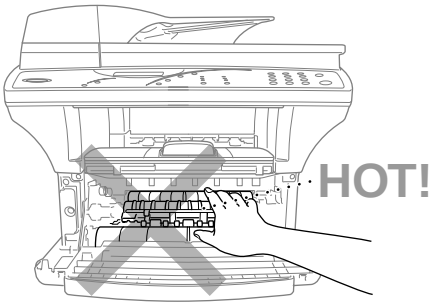
Cleaning the Printer

- **Do not use isopropyl alcohol to remove dirt from the control panel. It may cause a crack on the panel.**
- **Do not use isopropyl alcohol to clean the scanner window or the toner sensor.**
- **Do not touch the scanner window with your finger.**
- **Handle the drum unit carefully as it contains toner. If toner scatters and your hands or clothes get dirty, immediately wipe or wash it off with cold water.**

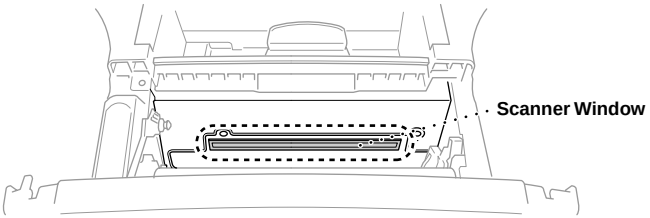
1. Switch off and unplug the machine.
2. Open the front cover.
3. Remove the drum unit assembly.

After you have used the machine, some internal parts of the machine are extremely HOT! When you open the front cover of the machine, never touch the shaded parts shown in the diagram below.



Front view

4. Gently clean the scanner window with a clean soft dry cloth. Do not use isopropyl alcohol.



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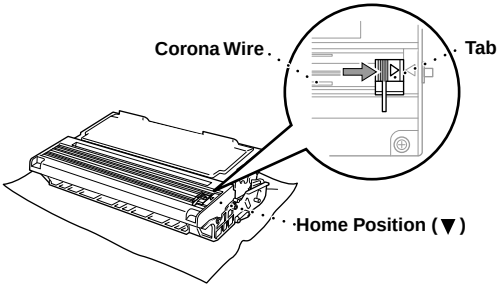
Cleaning the Drum Unit

We recommend you place the drum unit on a drop cloth or large piece of disposable paper to avoid spilling and scattering toner.

1. Clean the primary corona wire inside the drum unit by gently sliding the tab from right to left several times.
2. Return the tab to the home position (▼ mark position) before reinstalling the drum unit.



If you do not position the tab at the home position, printed pages may have vertical stripes.

3. Install the drum unit into the machine. (See *Replacing the Drum Unit*, page 88.)
4. Close the front cover.

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Replacing the Toner Cartridge

The machine can print *up to* 6,000 pages using a *high yield* toner cartridge (TN-6600). When the toner cartridge is running low, the display shows **CHANGE TONER**. The machine is supplied with a *standard* toner cartridge (TN-6300) that must be replaced after approximately 3,000 pages. Actual page count will vary depending on your average document type.

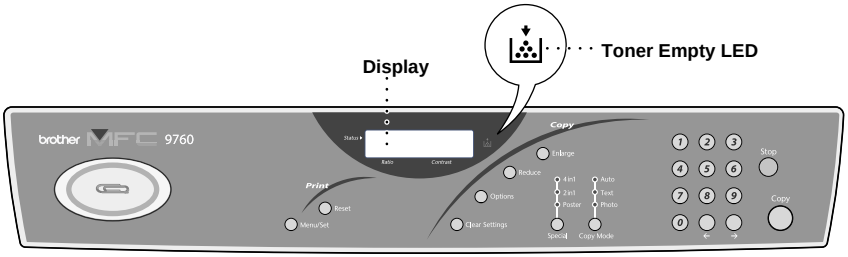
It is a good idea to keep a new toner cartridge ready for use when you see the toner low warning.

Discard the used toner cartridge according to local regulations. If you are not sure of them, consult with Brother dealer for service. Be sure to seal the toner cartridge tightly so toner powder does not spill out of the cartridge. When discarding used toner cartridges, keep them separate from domestic garbage.

It is recommended that you clean the machine when you replace the toner.

Toner Empty Indicator

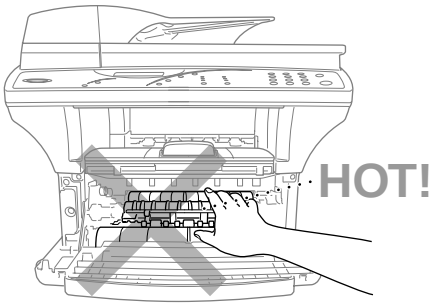
When the toner cartridge is running low, the display shows **CHANGE TONER** and the Toner Empty LED on the control panel flashes on and off to indicate the toner is low.



The Toner Empty LED light stays on and the display shows **TONER EMPTY** to indicate that the toner is empty. Once this indication appears, the machine will not resume printing until you have installed a new toner cartridge.

Steps for Replacing Toner Cartridge

After you have just used the machine, some internal parts of the machine will be extremely HOT! So, never touch the shaded parts shown in the illustration below.



Front view

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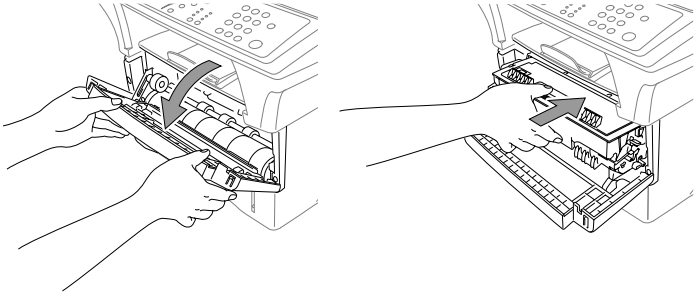
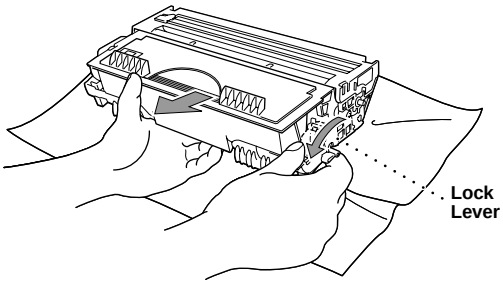
1 Open the front cover and pull out the drum unit.



Place the drum unit on a drop cloth or large piece of disposable paper to avoid spilling and scattering the toner.

2 Hold down the lock lever on the right and pull the toner cartridge out of the drum unit assembly.



Handle the toner cartridge carefully. If toner scatters on your hands or clothes, immediately wipe it off or wash them with cold water.

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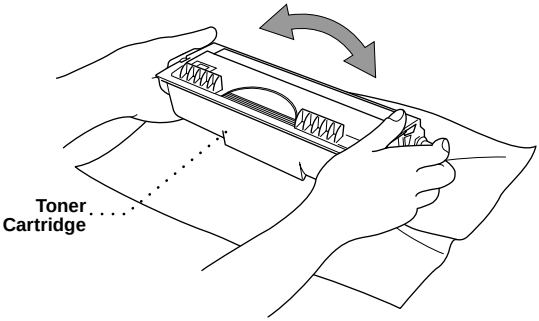
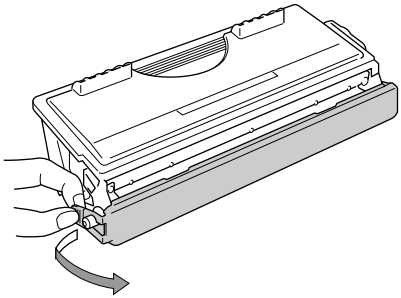
3 Unpack the new toner cartridge. Place the used toner cartridge into the aluminium bag and discard it according to local regulations.

- **Wait to unpack the toner cartridge until immediately before you install it into the machine. If a toner cartridge is left unpacked for a long period of time, the toner life is shortened.**
- **You can use only a genuine Brother toner cartridge (TN-6300 or TN-6600), which is specially formulated to ensure top print quality. Using another brand of toner cartridge may void the machine's warranty.**

4 Gently rock the toner cartridge from side to side five or six times.



5 Remove the protective cover.



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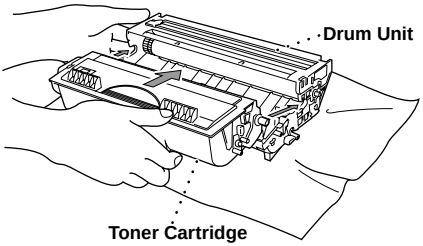
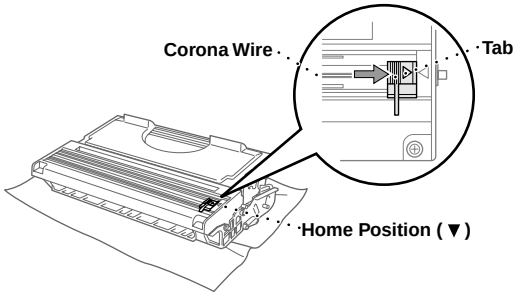
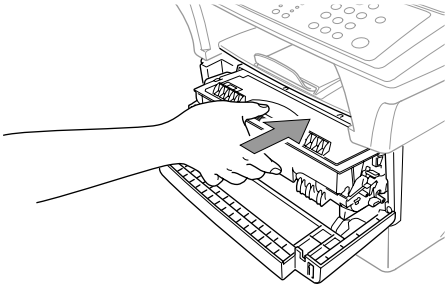
6 Install the new toner cartridge into the drum unit until it clicks into place.



7 Clean the primary corona wire inside the drum unit by gently sliding the blue tab from right to left several times. Return the blue tab to the home position before reinstalling the drum unit assembly.



8 Reinstall the drum unit into the machine and close the front cover.



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Drum Life Considerations for Your Brother Machine

Your Brother machine uses a drum and toner assembly for document printing. The toner life is directly dependent upon the amount of black printing on the printed pages. The estimated drum life is up to 20,000 A4 sized pages. Maintaining quality print during this period will depend on factors such as the number of pages printed per day, time between print jobs, the quality of the printing paper and the environment in which the machine is used.

The drum unit (DR-6000) is a consumable and to maintain an acceptable printing quality it should be replaced at the end of it's 20,000 A4 page life. Printing quality is a subjective issue and the drum should be replaced at a time when the printing quality becomes unacceptable to the user in relation to the documents being printed. The print quality will deteriorate over time and replacing the drum will return the printing quality to its optimum level. In order to maintain optimum print quality, we also recommend that the drum is replaced after 18 months service.

To assist you, the machine will advise when approximately 5-15% of the drum life remains by showing the message **CHANGE DRUM SOON** on the display.

This indication takes the number of pages printed and the total printing time into consideration. When the message appears we advise that a new drum be obtained for replacement at a convenient future time.

1. To check the remaining drum life, press **Menu/Set**, **1**, **5**.
2. The following indication appears on the LCD for 5 sec, and the display returns automatically to **GENERAL SETUP** menu.

```
DRUM LIFE
REMAINING:###%
```

3. Press **Stop**.

We emphasise that even if the drum life remaining indicates 0%, you only need to replace the drum if the print quality is unacceptable. By using a drum past the 0% indication no damage will be caused to the machine and whilst the print quality remains acceptable then the drum may be used beyond its designed life.

Replacing the Drum Unit

The machine uses a drum unit to create the print images on paper. If the screen displays **CHANGE DRUM SOON**, the drum unit is nearly at the end of its life. Prepare a new drum unit to replace the current one. You may need to order one from your Brother dealer.

Even if the display shows **CHANGE DRUM SOON**, you may be able to continue to print without replacing the drum unit for a while. However, if there is a noticeable deterioration in the output print quality even before **CHANGE DRUM SOON** is shown, then the drum unit should be replaced. You should clean the machine when you replace the drum unit.

When removing the drum unit, handle carefully because it contains toner. When you replace the drum unit, you should clean the machine.

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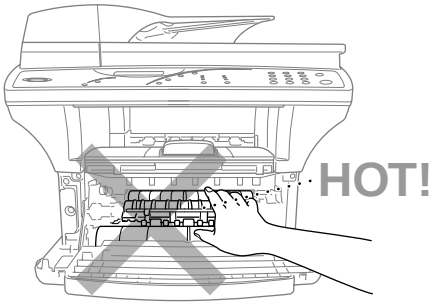
The actual number of pages your drum will print may be significantly less than these estimates. Because we have no control over the many factors that determine the actual drum life, we cannot guarantee a minimum number of pages that will be printed by your drum.

For best performance, use only genuine Brother toner, and the product should be used only in a clean, dust-free environment with adequate ventilation.

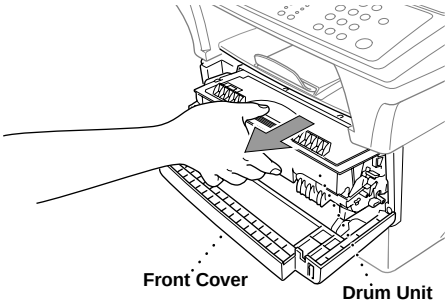
After you have just used the machine, some internal parts of the machine will be extremely HOT! So please be careful.



Front view

Follow these steps to replace the drum unit:

1. Open the front cover.
2. Remove the old drum unit. Place the drum unit on an old cloth or large piece of disposable paper to avoid spilling and scattering the toner.



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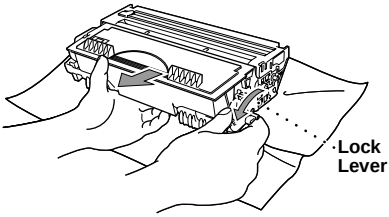
3 Pull the toner cartridge out of the drum unit assembly while holding down the lock lever with your right hand. (See *Replacing the Toner Cartridge*, page 84.)



Discard the used drum unit according to local regulations. Be sure to seal the drum unit tightly so toner powder does not spill out of the unit. When discarding used drum units, keep them separate from domestic rubbish.

4 Wait to unpack the new drum unit until immediately before installing it. Place the old drum unit into the aluminium bag and discard it according to local regulations.

- **If an unpacked drum unit is subjected to excessive direct sunlight or room light, the unit may be damaged.**
- **Handle the toner cartridge and the drum unit carefully because they contain toner. If toner scatters and your hands or clothes get dirty, immediately wipe or wash with cold water.**
- **Do not touch the scanner window with your finger.**

5 Reinstall the toner cartridge into the new drum unit. (See *Replacing the Toner Cartridge*, page 84.)

6 Reinstall the new drum unit, keeping the front cover open.

7 Press **Clear Settings** to reset the drum life counter.

```
REPLACE DRUM?
1.YES 2.NO
```

8 Press **1** and when the display shows **ACCEPTED**, and close the front cover.

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Important Safety Instructions

1. Read all of these instructions.
2. Save them for later reference.
3. Follow all warnings and instructions marked on the product.
4. Switch off and unplug this product from the AC sockets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
5. Do not place this product on an unstable surface.
6. Slots and openings in the case and the back or bottom are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar soft surface. This product should never be placed near or over a radiator or heater. This product should not be placed in a built-in installation unless proper ventilation is provided.
7. This product should be operated from the type of power source indicated on the label. If you are not sure of the type of power available, consult with your dealer or local power company.
8. This product is equipped with a 3-wire earthed plug. This plug will fit into only an earthed socket. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete socket. Do not defeat the purpose of an earthed plug.
9. Do not allow anything to rest on the power cord. Do not locate this product where people can walk on the cord.
10. Do not touch a document during printing.
11. Never push objects of any kind into this product through cabinet slots, since they may touch dangerous voltage points or short out parts resulting in a risk of fire or electric shock. Never spill liquid of any kind on the product.
12. Do not attempt to service this product yourself, because opening or removing covers may expose you to dangerous voltage points and/or other risks. Refer all servicing to service personnel.
13. Turn off and unplug this product from the mains power and refer servicing to qualified service personnel under the following conditions:
    - When the power cord is damaged or frayed.
    - If liquid has been spilled into the product.
    - If the product has been exposed to rain or water.
    - If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
    - If the product has been dropped or the cabinet has been damaged.
    - If the product exhibits a distinct change in performance, indicating a need for service.
14. We do not advise the use of an extension lead.

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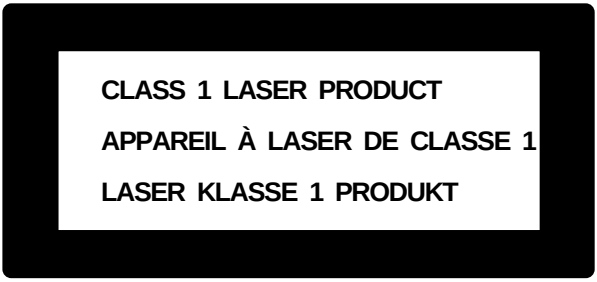
IEC 60825 Specification

This machine is a Class 1 laser product as defined in IEC 60825 specifications. The label shown below is attached in countries where required.



This machine has a Class 3B Laser Diode which emits invisible laser radiation in the Scanner Unit. The Scanner Unit should not be opened under any circumstances.

Laser Diode

Wave length:	760 - 810 nm
Output:	5 mW max.
Laser Class:	Class 3B

Caution

Use of controls, adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

The following caution label is attached near the scanner unit.

CAUTION
INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK OEFEATED.
AVOID DIRECT EXPOSURE TO BEAM. CLASS 3B LASER PRODUCT.
ADVARSEL
USYNLIG LASER STRÅLING NÅR KABINETLÅGET STÅR ÅBENT.
UNGDÅ DIREKTE UDSÆTTELSE FOR STRÅLING. KLASSE 3B LASER.
VARNING
OSYNLIG LASERSTRÅLNING NÄR DEN HÄR DELEN ÄR ÖPPNAD OCH SPÄRRAR
ÄR URKOPPLADE. STRÅLEN ÄR FARLIG. KLASS 3B LASER APPARAT.
VARO!
AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA
NÄKYMÄTTÖMÄLLE LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN. LUOKAN
3B LASERLAITE.
ADVARSEL
USYNLIG LASERSTRÅLING, UNNGÅ DIREKTE KONTAKT MED LASERENHETEN
NÅR TOPPDEKSELET ER ÅPENT. KLASSE 3B LASERPRODUKT.
ATTENTION
RADIATIONS LASER INVISIBLES OUAND OUVERT ET VERROUILLAGE ENLEVE.
EVITER EXPOSITIONS DIRECTES AU FAISCEAU. PRODUIT LASER CLASSE 3B.
VORSICHT
UNSICHTBARE LASERSTRAHLUNG WENN ABDECKUNG
GEÖFFNET UND SICHERHEITSVERRIEGELUNG
ÜBERBRÜCKT. NICHT DEM STRAHL AUSSETZEN.
SICHERHEITSKLASSE 3B.
ATENCIÓN
RADIACIÓN LASER INVISIBLE CUANDO SE ABRE
LA TAPA Y EL INTERRUPTOR INTERNO ESTÁ
ATASCADO. EVITE LA EXPOSICIÓN DIRECTA
DE LOS OJOS. PRODUCTO LASER CLASE 3B.

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For Your Safety

To ensure safe operation the three-pin plug supplied must be inserted only into a standard three-pin power point which is effectively grounded through the normal household wiring.

The fact that the equipment operates satisfactorily does not imply that the power is grounded and that the installation is completely safe. For your safety, if in any doubt about the effective grounding of the power, consult a qualified electrician.

Disconnect device

This product must be installed near a socket outlet that is easily accessible. In case of emergencies, you must disconnect the power cord from the socket outlet in order to shut off power completely.

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Memory Board

The memory board is installed on the main controller board inside the machine. When you add the optional memory board, it increases the performance for printer and copy operations.

Model Name	Optional Memory (recommended)
MFC-9760 with Standard Memory: 8MB	16 MB BUFFARO TECHNOLOGY 12323-0001
	32 MB BUFFARO TECHNOLOGY 12324-0001

In general, the DIMM must have the following specifications:

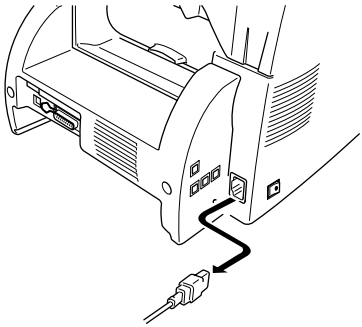
Type:	100 pin and 32 bit output
CAS Lantency:	2 or 3
Clock Frequency:	66 MHz or more
Capacity:	16 or 32 MB
Height:	46 mm (1.8 inches) or less
Parity:	NONE
DRAM Type:	SDRAM 4 Bank

Some DIMMs may not work with the machine. For more information, consult the dealer where you purchased the machine. For the latest information from Brother visit: http://solutions.brother.com

Installing the Optional Memory Board

1 Switch off, unplug the machine power cord from the AC mains outlet, and then disconnect the interface cable.

- **Switch off and unplug the machine before installing (or removing) the memory board.**
- **Do NOT touch the surface of the main board within 15 minutes after unpluging the power cord.**



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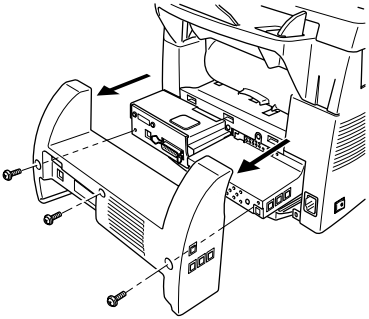
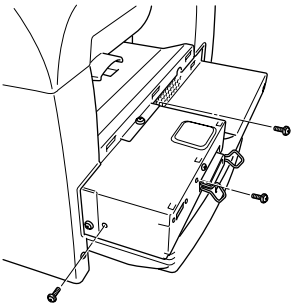
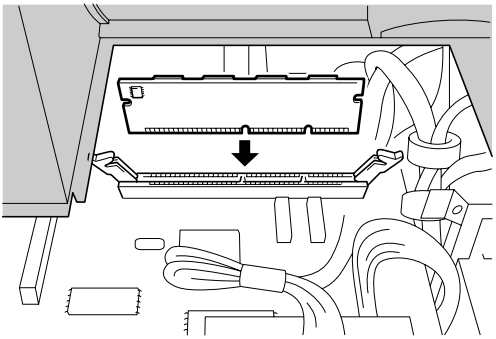
2 Remove the screws securing the rear cover and remove the cover.



3 Remove the screws securing the access plate and remove the plate.



4 To install the memory board, align it with the memory socket on the main controller board and push firmly into place, as shown below.



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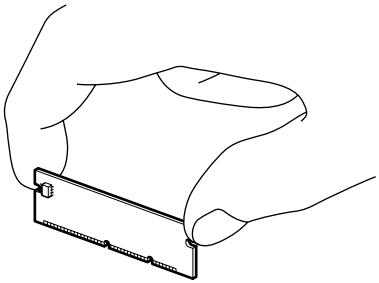
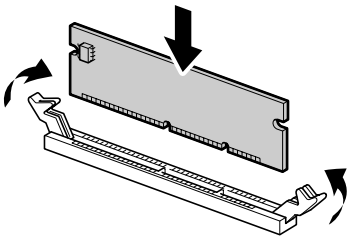
- **Hold the memory board by its edges. Do not touch the surface of the board.**



- **Make sure the memory board is securely seated in the main controller board.**



5 Reinstall the access plate and the rear cover, using the removed screws.

6 Reconnect the interface cable, and then plug the power cord into the AC mains outlet and switch on.

Optional Paper Tray

You can purchase the Paper Tray accessory (LT400) to use as a third paper source. The paper tray holds up to 250 sheets of 20 lb (75 m/g^2) paper.

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General Specifications

Document input width	148 mm to 216 mm (ADF) Max. 216 (Scanner)
Document input length	70 mm to 216 mm (ADF) Max. 297 (Scanner)
Scanning/Printing width	208 mm
Automatic Document Feeder (ADF)	Up to 50 sheets (75 g/m^2)
Multi-purpose Sheet Feeder	250 sheets (75 g/m^2)
Display	LCD, 16 characters x 2
Dimensions <WxDxH>	492 x 456 x 429 mm
Weight	17 kg
Memory	8 MB

Printer Specifications

Emulation	Brother Printing System for Windows®, emulation mode of HP LaserJet 5P (PCL level 5e)
Printer Driver	Windows® 95, 98, 98SE, Me, 2000 professional and Windows NT® Workstation Version 4.0 driver supporting Brother Native Compression mode and bi-directional capability Apple® Macintosh® Quick Draw® Driver for OS 8.5/8.5.1/8.6/9.0/9.0.4/9.1
Interface	Bi-directional parallel (IEEE-1284) USB (Universal Serial Bus) Interface
Printer Method	Electrophotography by semiconductor laser beam scanning
Resolution	600 dots/inch
Print Quality	Normal printing mode Economy printing mode
Print Speed	Up to 14 pages/minute (when loading A4 paper from the paper tray)

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Print Media	Toner cartridge: Life Expectancy: Up to 6,000 pages/high yield toner cartridges (TN-6600) Up to 3,000 pages/standard toner cartridges (TN-6300) (when printing A4 paper at 5% print coverage)
	Toner life expectancy will vary depending on the type of average print job.
	Drum Unit: Life Expectancy: Up to 20,000 pages
	There are many factors that determine the actual drum life, such as temperature, humidity, type of paper and toner that you use, the number of pages per print job, etc.
TrueType Fonts on CD-ROM	TrueType-compatible soft-fonts for Windows® on the supplied CD-ROM

Computer Requirement

For Windows®			
Operating System	**CPU (Pentium)**	**RAM**	**Hard Disk Space**
95, 98, 98SE	75 MHz	24 MB (32 MB recommended)	50 MB
NT Workstation4.0	75 MHz	32 MB (64 MB recommended)	
2000 Professional	133 MHz	64 MB (128 MB recommended)	
Me	150 MHz	32 MB (64 MB recommended)	

For Macintosh®			
Operating System	**CPU**	**RAM**	**Hard Disk Space**
Apple® Macintosh® QuickDraw® G3, G4, iMac or iBook with OS 8.5/8.5.1 (Only Printer) OS 8.6/9.0/9.0.4/9.1 (Printer & Scanner)	All base models meet minimum requirements.		50 MB

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Electrical and Environment

Temperature	(Allowable) 10 - 32.5°C (Storage) 0 - 40°C
Humidity	Operating: 20 to 80% (without condensation) Storage: 20 to 80% (without condensation)
Warm-up	Max. 25 seconds at 23°C
Power source	220 ~ 240V AC 50/60Hz
Power consumption	Operating (Copying); 350 W or less (25°C) Peak: 940 W Sleep Mode: 15 W or less Stand by: 75 W or less (25°C)
Noise	Operating: 53 dB A or less Stand by: 30 dB A or less

Specifications are subject to change for improvement without prior notice.

Compilation and Publication Notice

Under the supervision of Brother Industries Ltd., this manual has been complied and published, covering the latest product's descriptions and specifications.

The contents of this manual and the specifications of this product are subject to change without notice.

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Ordering Accessories and Supplies

For the best quality results use only genuine Brother accessories. These are available from most Brother dealers or alternatively you can contact our mail order department on telephone number 0161 931 2258 or fax number 0161 931 2218. (For UK only)

Model Name	Description
Toner	TN-6300 (Able to print up to 3,000 pages) TN-6600 (Able to print up to 6,000 pages)
Drum	DR-6000

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